

CONTEG Pro Server

User Manual

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www.conteg.com

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1 <u>CONTEG Pro Server overview</u>

Conteg Pro Server is a centralized monitoring application designed to integrate environmental and security monitoring, access control, and surveillance. CONTEG Pro Server has been developed specifically to integrate with RAMOS's line of environmental and security monitoring hardware.

For the first time multiple units from our RAMOS Ultra and RAMOS Optima product lines can be monitored from a single interface as well as integrating multiple digital or IP based cameras, as well as our door control unit.

The increased storage capacity as a result of streaming the video to the server allows for much higher volume of video and sensor data to be stored, limited only by the size of your storage media. Using the "playback" window it is now possible to sync the sensor, access control and video data all together and be able to instantly retrieve this information at any specific time you wish to recall. For example, if your RAMOS Ultra alerts you via SMS of an unauthorized access through a secure doorway you can instantly access the video for this moment from the playback window and be able to see exactly who entered at that time.

The setup and installation is quite straightforward and with the help of this user guide we aim to make it as easy as possible for you to be setup and using the software quickly. With a fully customizable layout to the interface it is well suited for multiple monitor environments. The software also saves any interface and layout alterations made so each time you run the software it is exactly how you left it.

2 How to use this manual

This manual will take you step by step through the setup and use of the software. Instead of giving lots of information on every feature and function it aims to walk you through step by step in short tutorials which cover the basic set up and common configurations of the software, and give an introduction to its most useful features. If you need any further information or help with using this program then please contact us on support@conteg.com and one of our technical support staff will be only too pleased to help you with any information you require.

3 CONTEG Pro Server installation

When you begin the setup program follow the onscreen instructions. You can use the screenshots below also for guidance.





After the installation has initialized the installation wizard will begin.

Click "Next" to continue or "Cancel" to leave the installer.

Next you will come to the End-User License Agreement window ("EULA")

To continue with the installation you will need to agree to the terms in the scroll window.

Click "I Agree" to continue

ONTEG Pro Server 10.2.1 Se	tup 📃 🗖 🗙
Choose Components Choose which features of CONT	EG Pro Server 10.2.1 you want to install.
Select components to install:	CONTEG Pro Server and Client
Space required: 365.6MB	
	< Back Next > Cancel

Now we reach the components window, select which version you wish to install and click "Next" to continue

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ONTEG Pro Server 10.2.1 Setup	_ _ ×
Administrator Password	~ 3
Please enter a password for the administrator.	5
Administrator Password	
Confirm Password	
< Back Next >	Cancel
O CONTEG Pro Server 10.2.1 Setup	
Detabase Contract	
Please select database type you want to use.	
·····	
Internal Database	
C External RDBMS	
RDBMS Name	
Server Name	
↓ Windows Authentication	
Username]
Password	
	2
< Back Next >	Cancel
ONTEG Pro Server 10.2.1 Setup	
Choose Install Location	
Choose the folder in which to install CONTEG Pro Server 10.2.1.	<u>50</u>
Color will be full CONTECT Des Conversité 2 d'ils des Éthereises Éthers To install	
folder, click Browse and select another folder. Click Install to start the install	ation.
Destination Folder	
C:\Program Files\CONTEG\CONTEG Pro Server	Browse
Space required: 365.6MB	
Space available: 119.5GB	
< Back Install	Cancel

7

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Before the program installs you will need to set you administrator password which will be used to log in to the program in future. After you have selected your password click "next".

This option allows you to select which database you want to use for CONTEG Pro Server.

An internal database is used for the server while the external is used for the client.

The final window in the installation wizard allows you to select your desired install location. Once chosen click "Next" to continue.

ONTEG Pro Server 10.2.1 S	ietup
	Installation Complete
	CONTEG Pro Server 10.2.1 has been installed on your computer.
	CONTEG Pro Server has been copied into folder C:\Program Files\CONTEG\CONTEG Pro Server.
	Click Finish to close this wizard.
	< Back Finish Cancel

Once the program has finished installing click "Finish"

4 CONTEG Pro Server licensing

Once you have installed the program you will need to license your software in order to make full use of all its features. When you access the program for the first time you will be shown the following window:

(Note: we will be using the recommended process of "Activate online" for this tutorial)



From the list provided select "Activate Online" Click 'Next' to continue.





The program will now update itself from the CONTEG database.

Once the program is connected and it has verified your information you should see this window.

You have now successfully installed CONTEG Pro Server!

5 <u>Running the software for the first time</u>

After the installation is complete you are ready to run CONTEG Pro for the first time. Find the shortcut on your desktop for CONTEG Pro and double click to run the program.

CONTEG Pro	
	Local machine Server Port
CONTEG Pro Server	User name admin Password Save password
Version : 10.2.1	Enable secure connection OK Cancel

The first window that will be displayed is the login window, in this example we will assume you are logging onto the main server or "local machine". Enter your user name and password and click "OK"

After you login to CONTEG Pro you will be taken directly to the main interface of the application, it may look a little daunting at first so let's take a look at the four main areas shown on the main user interface in a little more detail.

CONTEG Pro	o : admin@AFRODITE - Workspace	THE R. LEWIS CO., LANSING MICH.	
Server Add	View Settings Tools Help		
	Sensors Cameras Maps	+ Desktop #1 ×	Live Playback
_	Q Search Sensors		
	\leq		
Monitoring			
_			
÷			
Access Contr	rol		
~			
U			
Time Attenda	nce		
_			
•			
Notification	15		
REF			
Video Record	ing		
	Add Scan Network		
středa, 17 červ	venec 2013 - 16:22		340 Days Until License Renewal 💁 Version : 10.2.1
👿 CO	NTEG Pro : admin@AFR	DDITE - Workspace2	
Senver	Add View Setting	r Tools Help	
Server	Add view Setting		
1	New Workspace		Workspace Window
		ameras Maps	CONTEC Dre Conver allows you to
0	Open Workspace		CONTEG Pro Server allows you to
	Conomo Workspace	prs i=	have multiple workspaces which
L L	vename workspace		can dicalay different information in
S	Save Workspace as		can display different information in
			any way you choose. All created
S S	end Workspace		workspaces are listed in this
			workspaces are instea in this
L	.og Off		window, the first workspace is
	-		called "Workspace" by default
0	Duit		
			We will look at adding new
			workspaces later in the manual
Acce	ess Control		the managed and the manade.
	-	l	





Server Explorer Window

This window is broken down into four tabs which will list all devices which have been added to CONTEG Pro Server as well as any maps which can be created within the program. More on maps later.

Help Window

The help window will display various information about CONTEG Pro Server when you either click or rollover any feature within the program. If at any point you're not sure what something does, look here!

Help window can be shown/hide with "Ctrl + H".

Desktop Window

This is the area in which you will view all your sensor, camera, and access control data. Multiple desktops can be created in order to streamline your workflow and easily access all your information at any time.

6 Adding Devices and creating Desktops

Now we are familiar with the basic functions of these windows. It's time to add a device to CONTEG Pro and access its data. In the following example we are going to add a RAMOS Ultra with a temperature sensor and one digital camera attached to the base unit.

(Note: to configure intelligent sensors and cameras on a RAMOS Ultra please refer to the user manual for that unit)



You can now see in the above pictures that once you have added a device to CONTEG Pro that it shows in all three serverExplorer windows with no need to add it further times for each tab. The next stage is to setup a desktop. You may have multiple desktops labeled whatever you wish so that you can arrange your sensor and video information in a customized format. In the following steps we will assume that you have one RAMOS Ultra added and we want to setup a desktop that will display some basic data and information on that RAMOS Ultra. We will cover in more detail desktops and how they can be used in a later chapter.



There is by default one desktop added after you have done the initial installation and scanning for probes. This is labeled "Desktop #1".

First we will rename the desktop to something more useful than "Desktop #1". To do this right click on the desktop and click "Rename". In this example we shall name the desktop RAMOS Ultra. The result can be seen in the screenshots below.

CONTEG Pro : ad	Imin@AFRODITE - Workspace	_					
Server Add View	v Settings Lools Help						
	Sensors Cameras Maps	+ • Desk	Rename				
	Q Search Sensors I≣ RAMOS Ultra (TEST) (192.168.161.100)		Close Close All But This		+ •	RAMOS Ultra \times	
Monitoring			Detach Desktop Attach Desktop	F			
Access Control			Snap Frames Show Video Timestamp				
			Scroll Tabs	•			
				_			

Next we will add some basic data to the desktop. First some sensor data will be added.



If you click the "+" sign next to the RAMOS Ultra you will get a list of the available sensors. In this case as you can see there is a temperature sensor on port 1. We will add some Temperature data to the desktop. To do this simply click the left mouse button on the highlighted sensor, hold and drag that sensor onto your desktop. The result can be seen in the next screenshot.

👿 CONTEG Pro : ad	min@AFRODITE - Workspace			100	Sec. 1	
Server Add View	/ Settings Tools Help					
	Sensors Cameras Maps	+ -	■ RAMOS Ultra ×			
_	Q Search Sensors		C			
	🖃 RAMOS Ultra (TEST) (192.168.1 🔟		Sensor status summary #1	Host IP 🛸	Reading 🛰	Status 🔽
Monitoring	Host Status		Temperature Port 1	192.168.161.100	23,5 °C	Normal
	🗆 🛲 Main Module					
Д	Temperature Port 1	\rightarrow				
T' I	🗄 🛲 RDU 1.1					
Access Control						
Q						
Time Attendance						
			<u>(</u>			

On the desktop you will now have an additional window named "Sensors Status Summary #1". The Temperature Port 1 sensor is displayed together with the value and the status. If you wish to view additional sensors then follow the same process, in the following picture we have added an airflow sensor. Simply drag the airflow sensor onto the desktop, than you will now see something like this:

👿 CONTEG Pro : ad	min@AFRODITE - Workspace			1000		1 m - 1
Server Add View	Settings Tools Help					
-	Sensors Cameras Maps	+ •	■ RAMOS Ultra ×			
	Q Search Sensors		Sensor Status Summary #1			Filter Options 🗄 🗙
			Sensor name 🛰	Host IP 🛸	Reading 🛸	Status 🛰
_	RAMOS Ultra (TEST) (192.168.1 ing		Temperature Port 1	192.168.161.100	23,5 °C	Normal
Monitoring	Host Status					
	🗆 🛲 Main Module					
	Airflow Port 2					
7	Temperature Port 1					
Access Control	🗄 🛲 RDU 1.1					
Q						
Time Attendance			Sensor Status Summany #2			Filter Ontions E V
			Sensor name V	Host IP 🏹	Reading 🏊	Status TA
			Airflow Port 2	192.168.161.100	0,0 %	Normal
Notifications						
Video Recording						

The screen would quickly get cluttered this way, so you can instead combine several sensors in one sensor status window. Close the airflow sensor window, and this time instead of dragging the sensor onto the desktop, drag it and drop it inside the "Sensors Status Summary #1" window. You will now see the following:



👿 CONTEG Pro : ad	min@AFRODITE - Workspace			The second	tale - No	and the second second
Server Add View	Settings Tools Help					
	Sensors Cameras Maps	+ •	■ RAMOS Ultra ×			
	Q Search Sensors		Sensor Status Summary #1			Filter Options 🗆 🗙
			Sensor name 🛰	Host IP 🛸	Reading 🛰	Status 🛰
_	RAMOS Ultra (TEST) (192.168.1 🔤		Temperature Port 1	192.168.161.100	23,5 °C	Normal
Monitoring	Host Status	7	Airflow Port 2	192.168.161.100	0,0 %	Normal
	🗆 🛲 Main Module	· / ·				
	Airflow Port 2	r				
→ I	Temperature Port 1					
Access Control	🕀 🛲 RDU 1.1					
Q Time Attendance						

Next we will add a Graph of the sensor data to the desktop also. This is done in a similar fashion to adding a sensor to the Desktop.

Ensure that the "Sensors" tab is active and then locate the Graph icon which is found to the right of the sensors name. Now drag and drop this icon onto the Desktop.

The graph displays several pieces of information and will be described in more detail later.



You should now have a good idea of the basic operation of the software and interface. There are of course a lot more features than this. The following chapters will build from this to give more in-depth knowledge of the software and its functions.

6.1 Adding multiple desktops

Now we have one desktop with some sensor data displayed. You could imagine with several sensors the desktop could soon get quite cluttered. You may therefore want to add multiple desktops, for example, a desktop for displaying the graphs, and another for displaying sensor data.

To add a second desktop click on button "+". You will now see a second Tab appear labeled "Desktop #1".

+ •	RAMO	OS Ultra × Desktop #1
	Temp	perature Port 1 (Host 192.168.161.100) >> Live Graph >> Options X
		30
	5	28



Now we can display graphs on one desktop and other probe data on the first. Rename the new desktop "Graphs" and then add two or three graphs to that desktop.



Another useful window to display is the system log for the Probe you are monitoring. We will add this to the "RAMOS Ultra" desktop together with the sensor data. To add a system log drag and drop the name of the probe you are monitoring as follows:

Viev	w S <u>e</u> ttings Tools <u>H</u> elp							
	Sensors Cameras Maps		+ - RAMOS Ult	ra × Graphs				
	Q Search Sensors Event log on Host: RAMOS Ultra (TEST) (192.168.161.100)							∃×∣
<	🖃 RAMOS Ultra (TEST) (192.168.1	og	Q Search	Morrago	~		log lovel ₹	x
	Host Status	\neg	10 0 2012 11:46:07	Host Connection Protocols Eu	nctioning Normally			\$
2	E C Main Module	- N	19.9.2013 11:40:07	PAMOS III TRA/102 168 161 10	0) is now online	RAMOS Ultra (TE	Information	~
			19.9.2013 11.40.05	NAMOS OF INA(192.100.101.10	of is now online	INAMIOS OILIA (TE	Information	
	Airflow Port 2							
	Temperature Port 1							
rol	🕀 🛲 RDU 1.1							
								T Y
								×
ince			<u> </u>					
			Sensor Status Sum	mary #1	Filt	er Options 🗆 🗙		
			Sensor name	Host IP 🛸	Reading 🖘	Status 🛰		
			Temperature Port 1	192.168.161.100 2	24,0 °C No	rmal		
			Airflow Port 2	192.168.161.100 0	0,0 % No	rmal		

You may want to re-name the title's given to the windows such as the syslog or sensor status. You can edit these by click on "Option" of this window and then on "rename".

+ • RAMOS U	lltra × Graphs						
Event log on Host: R	AMOS Ultra (TEST) (192.168.161.100)		Filter	Opti	ons 🗆 🗙		
Q Search					Rename]	
Date / Time 🔻	Message 🛰	Host 🛆	Log L		Save As C	SV Document	I.
19.9.2013 11:46:07	Host Connection Protocols Functioning Normally.	RAMOS Ultra (TE	Informa	tion			ш.
19.9.2013 11:46:03	RAMOS ULTRA(192.168.161.100) is now online	RAMOS Ultra (TE	Informa	tion			
					-		
					*		
					X		

Sensor on RAMOS Ultra			Filter Options 🗆 🗙
Sensor name 🛰	Host IP 🛰	Reading 🛰	Status 🛰
Host Status	192.168.161.100		Reachable
Temperature Port 1	192.168.161.100	24,0 °C	Normal
Airflow Port 2	192.168.161.100	0,0 %	Normal

You can now rename the window to something more meaningful to you, for example "Sensors on RAMOS Ultra".

You can also rename any other window you wish. You can change the Graphs also by following the same process.

6.2 Using the Event Log

Event log on RAMOS	Ultra		Filter	Options	Ξ×
Q Search					
Date / Time 🔻	Message 🛰	Host 🛰	Log Le	vel 🖘	×
19.9.2013 11:46:07	Host Connection Protocols Functioning Nor	RAMOS Ultra (TE	Informati	ion	Â
19.9.2013 11:46:03	RAMOS ULTRA(192.168.161.100) is now online	RAMOS Ultra (TE	Informati	ion	
					-
					¥
					×

The Event Log will display lots of information regarding the probe such as every sensors change in status, if there are any errors, when the system boots up or reboots etc. This list can get very long so for simplicity and easy location of information you can filter the Event Log.



Click "Filter" to display the submenu. You can choose what fields are displayed (check or uncheck what you wish to see). To filter the syslog click the "Advanced Filter" button. You will then be presented with a new window that gives several tabs and options in order to filter the syslog.

Advanced Filter	
Log Level Time	
 ✓ Critical ✓ Error ✓ Warning ✓ Notices ✓ Information ✓ Debug 	Select All Unselect All
ОК	Cancel

Under the filter tab you can control what information you wish to see in the Event Log. You can choose to view or exclude the notification log, or the logged sensor events.

And so on with the other options, you can choose whether to view or exclude that information.

Advanced Filter			×					
Log Level	ïme							
- Select num	ber of days							
Numbe	r of days							
View prev	View previous 30 days 👻							
- Select Time	e Interval							
🔘 Time in	terval							
Start	20. 8.2013	Time 17:11:1	5					
End Date	19. 9.2013	r Time 17:44:0)4					
	(ОК	Cancel					

The second tab on the advanced filter dialog box allows you to choose the time period of the Event Log you wish to view. There is a choice from 1 week up to 3 months.

You can also choose a specific time interval in which to filter your Event Log.

6.3 Configure sensors

The CONTEG Pro Server explorer window is by default on the left side of the page. There are 3 tabs labeled "Sensor", "Camera" and "Map". We will deal with each of these tabs separately later.

View	/ Settings	Tools Help						
	Sensors	Cameras	Maps					
	Q Search Sensors							
1	E RAMOS U	ltra (TEST) (19	92.168.1	log				
	Host Sta	tus						
	🗆 🛲 Mai	n Module						
	Airflow Port 2							
	Temp	erature Port 1						
ol								

The sensor tab allows you to view, add and configure the various sensors you have connected to the probe you are monitoring. In this example we only have one RAMOS Ultra connected which we named "RAMOS Ultra (TEST)". If you had other probes then they would also be listed with a "+ / -" sign to expand or deflate the list of sensors connected to that probe. In this example you can see 2 sensors listed on the RAMOS Ultra.

The first sensor in the list will be the "host status". This is added by the CONTEG Pro program by default for every probe you have added. This is a "virtual sensor". It is not an actual hardware sensor attached to the RAMOS Ultra. The host status is a ping type virtual sensor. There are several types of virtual sensors available and will be explained in further details later. The ping virtual sensor is quite simply a way for CONTEG Pro to monitor the status of the probe. The software will "ping" the host (in this case the RAMOS Ultra on IP address 192.168.161.100). If the ping times out then you will be alerted that the probe is offline or has no network connectivity.



If you wish to alter the configuration of the host status sensor then highlight the sensor by left clicking on it, and then right click and select the configure option.

After selecting "configure" you will be presented with a new window that gives the various parameters for that virtual sensor that you can edit.

Ping Virtual Sensor Ping Virtual Sensor Config Step: 1 of 2: Configure t	uration he sensor name, description and	method
	Hostname or IP Sensor name Description of normal status Description of critical status Method	192.168.161.100 Host Status Reachable Unreachable
	[< Back Next > Cancel



In the configuration box you can rename the virtual sensor. In this case I renamed it "Ping RAMOS Ultra".

For the descriptions I have left the default "Reachable" and "Unreachable" .

I have also left the method option as "Ping"

"Polling Interval" is how often you wish the virtual sensor to "poll" the data. In this case it will be the time interval between each ping command.

"Ping timeout" is the number of seconds the ping command goes un-responded before timing out.

"Retry" is the number of times you wish to retry the ping if it times out. Click "Finish" when done.



The next object you will see in the serverExplorer window is "Main Module" this is the main base unit at the top of the chain. All sensors, door control units and expansion boards would be listed under this option. The second sensor in the list is the "Airflow Port 2". Like the Temperature sensor below it, these are the sensors attached to the securityProbe and were automatically detected upon adding the RAMOS Ultra in the CONTEG Pro Server.



If you wish to change the sensor's configuration, highlight the sensor and then right click on it and click on Configure. As you can see, unlike virtual sensors, there is no option to delete sensors that are auto detected by CONTEG Pro. Clicking 'Configuration' will open a window similar to the web interface of the RAMOS Ultra, there you can change the sensor's settings. Settings options are same as on web interface. How to configure a sensor is described on specific sensor manual.

Configure window contain same tabs as on web interface. Example can be seen in the screenshots below.

Device Configuration	Pevice Configuration							
Select a Device:	RAMOS Ultra (TEST) (19	92.168.161.100)	▼ Sele	ct an Expansion Boar	d: Main Module	2	•	
System	Board	Sensors						
Sensor Ports	ower Meter Sound De	tector						
1	2	3	4	5	6	7	8	
Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	
-								
Temperature	e Airflow	N/C	N/C	N/C	N/C	N/C	N/C	
Normal Settings	Advanced Settings Con	itinuous Time Settin	ngs Minimum Tir	me Settings				
			Sensor Name	Airflow Port 2				
			Status	Normal				
			Sensor Currently	Online				
		Description of Stat	tus When Normal	Normal				
		Description of Sta	tus When Critical	High Critical				
			Normal State	🔘 Normal 🔘 Abse	ence			
			Sensitivity	80 (0-10	0)			
				Calibrate				
					ОК	Cancel	Apply	



6.4 Receiving Notification

After you have configured the sensors according to your needs, we need to set some notifications. We cannot and do not want to monitor the sensors 24/7 in front of the computer screen and watch for sensors that may need attention. It will be more efficient when you can be notified by CONTEG Pro when a sensor's status reaches a certain level.

There are different types of notifications that CONTEG Pro Server is capable of. We will discuss each one of them in a later chapter. For now, we will show you how to set a SMS notification when the 'host status' virtual sensor goes offline using a GSM/GPRS modem. We will be using the iTegno gsm/gprs modem connected to the usb port of the machine where CONTEG Pro Server is installed.

After setting this notification, you should be able to receive a text message from CONTEG Pro Server informing you that your RAMOS Ultra is offline. You are then able to take immediate action. With notifications, you can then be able to monitor your sensors anytime and anywhere.



We create notifications on the Notification page. To open the Notification page, on the main navigation bar click the Notifications option. A Notification tab will appear in the main window .

Below, we can see the Notifications tab. There are 4 tabs under it, named "Notification Rules", "Actions", "Notification Logs", and "Notification Analyzer".

First, we need to create a notification action and then create a notification rule to link the action to a sensor and status conditions.



To create a notification Action, Click on the Actions tab under Notifications and click the 'Create' button. A Create Action dialog window will appear.



Create Action	×					
 Custom Script Dry Contact E-Mail Fax FTP Photo and Information Upload MMS Relay Siren & Strobe Light Skype Call/SMS SMS SNMP Trap 	 Ø)) Sound ➢ Speech ☎ Telephone Call ๗ Unlock Door Wake Up/Shutdown ✗ Windows Alert 					
 Please select the action type you want to create from the list. Press "Next" button or double click an icon to start the wizard. 						
Help	<back next=""> Cancel</back>					

In the Create Action Dialog window, you will see a list of notification actions. Select the SMS action and click 'Next' to run the SMS Wizard dialog.



Enter an action name and enter at least one phone number in the Phone Number List.

To add a number, enter the number in the 'Phone Number' field and click the 'Add' button. The number will then be added in the Phone Number List box.

You can remove phone numbers in the list by selecting the number and click the 'Remove' button. Click 'Next' to continue.

SMS Wizard			×
SMS Message Step: 2 of 4: Define the co	intent of the	message.	<mark>∎</mark> ^M s
10000 00000 00000	From	\$[IP]	
0140 0000 0010 10 1000 0010 10 1000 00110 1000 0010 1000 00000000	Message	S[DESCRIPTION] is now S[VALUE], status is now S[STATUS]	
		Preview Restore Default Macro Description]
	(Help < Back Next >	Cancel

You can preview here the SMS message to be sent. In the "From" field is a macro description named \$[IP], which is for IP address. In the actual sms message, the value of \$[IP] will depend on the ip address of the host sending the notification. You can customize your message, by click on the 'Macro Description' button.





For this example, the RMS-U-GSM modem is attached to port COM1. We select COM1 as the Mobile Phone Port. If you are unsure what Port your modem is connected. Browse your Device Manager under Modems. Right click on your device and click on Properties. You can see the Port and maximum port speed.

We will the leave the default Port Speed 'Auto'.

"Timeout" is the time lapsed in seconds that the system has no response from the modem device.

Click 'Next' to continue ..

"Number of Times to Retry" is the number of times the SMS message will be sent.

"Retry Intervals" is the time interval in seconds between the resent SMS messages.

In this example, we only want to receive one SMS message so we will set the "Number of Times to Retry" to 0.

You can click the 'Back' button to change any previous configuration.

Click the 'Finish' button to create the SMS Notification Action.

Your SMS action named 'SMS' is created and displayed in the Action list. You can test your newly created notification action by selecting the action and clicking 'Test Action' to make sure it does what you need it to do. You can click the 'Edit' button if you need to reconfigure the action.

The next step is to create a notification rule and link this action to a sensor and specify the status requirements that will trigger this action. Click on the tab 'Notification Rules'.

🦉 CONTEG Pro : admin@AFRODITE - Workspace						
Server Add View	v Settings Tools Help					
	Notification Rules	Actions	Notification Logs	Notification Analyzer		
	(+) Create	Edit 🗍 Rem	ove Disable	((•)) Test Action		
<u> </u>	Action Type				Action Name	
Monitoring	SMS				SMS	
Access Control						
Time Attendance						

To creat	e a notificati	on rule, clic	k the 'Create	e' button a	nd follow the	Notificatio	on Rule Wiza	rd.
🖉 CONTEG Pro : a	dmin@AFRODITE - Workspac	ce	100					
Server Add Vie	w Settings Tools Help							
	Notification Rules	Actions	Notification Logs	Notification Analyze	r			
	Create	🖋 Edit 🔲 🕅 Rer	nove P Disable	Escalation				
<u> </u>	Sensor Name	Ac	tion Status		Action Name		Time Before Escalation	Escalated Action
Monitoring								

Select a sensor, the status requirements and the notification actions. If the desired action does not exist yet, you can create an action from here by clicking the 'Create Action' button. In the example below, we set up a notification rule where an SMS notification to the administrator will be sent out when the 'Temperature Port 1' sensor attains either a High Warning, High Critical status.

Step: 1 of 4: Choose sensor, status, and action the	at will trigger the notifi	cation.	
nsor	Status	Action	
 ■ RAMOS Ultra (TEST) (192.168.161.100) Ping RAMOS Ultra ■ Main Module Airflow Port 2 Temperature Port 1 	High Critic High Warr Normal Low Warn Low Critic Sensor Erre	cal ning al or	Create Action

You can select in each column more status holding "Ctrl" button and select by click.

You can set up the notification rule wherein it will only execute when a certain status will persist in the specified continuous time (in seconds). This feature allows us to filter the real threats from false alarms because of possible fluctuations that can occur in the sensor values but poses no real threat. Click 'Next' to schedule when the notification will only be active.



itep: 2 of 4: Ent	t ion ter th	e tin	ne du	iration	for ea	ach sen:	sor sta	tus. T	his du	iratio	on wil	l dela	ıy th	e sta	rt of	the	not	ifica	atio	n.
						ligh Cri	itical	_	0	A	Secor	nds								
					ні	gh War	nina	_	0	• •	Secor	nds								
						No	rmal	_	0	*										
										¥ 										
						w wai	ming			¥										
						Low Cr	itical		0	v										
					S	ensor I	rror		0	v	Secor									
			_	_		_	_	_	_			Bac	k		_	Nex	t >			
n Rule Wizard ication Sched ep: 3 of 4: The	uler sche	edule	er pro	ovides	the fa	cility to	have	the n	otific	ation		e for	sele	ected	per	iods	s of t	the	wee	±k.
n Rule Wizard ication Sched :ep: 3 of 4: The Notification	l uler : sche	edule	er pro	ovides Ena	the fa	ocility to) have	the n	otific	tior	n activ	e for	k sele	ected	per	iods	s of f	the	wee	₽k.
on Rule Wizard ication Sched :ep: 3 of 4: The Notification Select the t	l sch Sch ime	edule edul	er pro	ovides Ena notifie	the fa ble	cility to Disa	have able activ	the n	otific	atior	n activ	e for	k sele	ected	per	iods	s of t	the	wee	ek.
n Rule Wizard ication Sched :ep: 3 of 4: The Notification Select the t ALL	l sche Sch	edule edul that	er pro	ovides Ena notifie	the fa ble cation	ocility to Disa will be	b have bble 2 activ	the n	otific	atior	a activ	e for	sele	ected	per	iods	s of t	the	wee	•k.
in Rule Wizard ication Sched exp: 3 of 4: The Notification Select the t ALL Supply.	l scho ime 12	edule edul that	er pro	ovides Ena notific 3 4	the fa ble cation AN 5	cility to Disa will be 1 6 7	b have ble activ 8 5	the n e.	otific.	atior	a activ	e for	k sele	ected Pf 5	per M	iods	s of t	the	wee	ek.
In Rule Wizard ication Sched ep: 3 of 4: The Notification Select the t ALL Sunday Monday	uler sche Sch ime	edule edul that	er pro	ovides © Ena notifie 3 4	the fa ble cation AN	ocility to Disa will be 1 6 7	b have bble 8 5	the n	otific.	ation	a activ	e for	k sele	ected Pl	per A	iods	s of t	the v	10	÷k.
in Rule Wizard ication Sched ep: 3 of 4: The Notification Select the t ALL Sunday Monday Turesday	i uler sch ime 12	edule edul that	er pro	ovides © Ena notifie 3 4	the fa ble cation AN 5	© Disa will be	b have ble e activ	the n e.	otific	atior	a activ	e for	k sele	ected Pl	per M 6	iods	s of t	the v	wee	ek.
n Rule Wizard ication Sched ep: 3 of 4: The Notification Select the t ALL Sunday Monday Tuesday	I sch Sch 12	edule edul that	er pro	ovides Ena notifie 3 4	the fa	Disa will be	b have ble activ	the n e. 10	otific	atior	a activ	e for	k sele	PI	per A 6	iods	s of t	9	10	<pre>*k.</pre>
in Rule Wizard ication Sched iep: 3 of 4: The Notification Select the t ALL Sunday Tuesday Wednesday Thursday	i uler sch ime 12	edule edul that	er pro	ovides © Ena notifie 3 4	the fa	Disative to the second se	b have	the n	otific.	atior	1 2	e for	k sele	PP 5	per A 6	iods	8 8	9	10	ek.
in Rule Wizard ication Sched sep: 3 of 4: The Notification Select the t ALL Sunday Monday Tuesday Wednesday Thursday Friday	iuler scheime 12	edule edul that	er pro	ovides Ena Inotifie 3 4	the fa	 Disa will be 4 	b have bble e activ	e.	otific.	atior	1 2	e for	k sele	PI 5	per M 6	iods	s of t	9 9	10	≥k. 11
in Rule Wizard ication Sched icep: 3 of 4: The Notification Select the t ALL Sunday Monday Tuesday Wednesday Thursday Firiday Saturday	i uler schi ime 12	edule edul	er pro	ovides Ena notifie 3 4	the fa	Disas	b have bble c activ 8 \$	e. 10	otific.	ation	1 2	e for	k sele	Pr 5	per A 6	iods	s of t	9 9	10	<pre></pre>

You have the option to enable the calendar option, else the notification will always be active. After setting the calendar, You have the option to include an escalation that will trigger after a given time after the initial notification. If you wish, you may add it later from the Notification Rules list page. Click 'Finish' to create the notification rule.

< Back

Next >

Cancel

Notification Rule Wizard		23
Notification Escalation		
Step: 4 of 4: Escalations can be added later.		
Please check the box below if you want to associate an		
escalation to this action.		
Add an escalation to this action.		
< Back	Finish	ancel

You now have created the notification rule. You may have the option to Edit, Remove and add an Escalation to the rule. Select a Notification rule and click the appropriate button on the right.

6.5 Adding maps

Included in CONTEG Pro is a Map feature similar to that of the RAMOS Ultra web interface. You can be able to visually monitor sensors placed on a map where you can view their details. You can easily spot in a glance which sensor needs attention and at the same time tells you where it's located. Let us add a map and place some sensors on it.



To add a map, click on the 'Map' tab and right click anywhere inside the Map window and select 'Add Map'.



A Map Adding Wizard will then guide you through in adding an image as your map.

Click the 'Browse' button to browse for a map image and a preview of the map will appear.

Only JPEG, GIF and BMP formats with a maximum size of 1MB are supported for upload.

Click 'Next' to continue.



Enter a meaningful map name that will appear under the CONTEG Pro Map tab. Click the 'Finish' button to close the wizard and add the map.



In the next screenshot, you can see under the Map tab the added 'Data Centre' map. This map also is displayed in the desktop.

You can also drag other maps onto a map as sub maps.

6.6 Adding Sensors to the map

Now we have added our map we will add some sensor data to that map. To begin make sure you have your map desktop tab selected and the sensors tab selected in the severExplorer window as shown below.



To add sensors to the map the process is exactly the same as adding sensors to any desktop. Simply drag and drop your chosen sensor to a specific place within your map. In the example below you can see we have added a temperature sensor to the map, when rolling your mouse over the sensor icon you will see critical information displayed.



Now that we can see our sensor data within the map window we will change the icon from a black circle to something a bit more eye catching. To do this we need to access the sensor properties within the map window.

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.....

To begin right click on the sensor icon then select "Properties" from the list shown. After selecting this option a new window will be presented.

> In this window you can select which type of icon you would like to use. For this tutorial we will use "Image". Make sure this is selected and click "Next" to continue.

> In this window you can select which image you would like to be shown for each status of your chosen sensor.

> Simply drag your chosen icon into the sensor status box on the right.

In this example you can see we have chosen icon for the "Normal" and "High Critical" status. Click "Next" to continue.

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< Back Next > Cancel

Nap Icon wizard			_	
Additional Setup and Previ	ew			
Step: 3 of 4: Setup icon s	ize and text.			40
	Preview			
5 57	•			
HC-BERTY	Additional Text			
	Text		Macro	
tellla	Font calibri 11			
W KE	Position Bottom •	·		
S				
		< Back	Next >	Cancel
Map Icon Wizard			_	×
Aap Icon Wizard Completing Map Icon Wiza Step: 4 of 4: Apply this ic	rd con setting as a default.		-	×
Aap Icon Wizard Completing Map Icon Wizz Step: 4 of 4: Apply this ic	rd con setting as a default. Make this icon the default	for the following sen	sor types:	
Aap Icon Wizard Completing Map Icon Wizz Step: 4 of 4: Apply this in	rd on setting as a default. Make this icon the default Temperature	for the following sen	sor types:	
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Asp Leon Wizard Completing Map Leon Wiza Step: 4 of 4: Apply this is	rd con setting as a default. Make this icon the default Temperature 4 - 20 mA Humidity Digital Voltmeter	for the following sen	sor types:	
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tap loon Wizard Completing Map Icon Wiza Step: 4 of 4: Apply this is Completing Wita Parts of the tap of	rd con setting as a default. Make this icon the default Temperature 4-20 mA Humidity Digital Voltmeter Airflow Dual Sensors Thermostat Power RMS Current RMS Voltage Energy Meter Virtual Sensors Temperature Array Fuel Level Fuel Level Fuel Level	for the following sen	sor types: ect All elect All	

Now you will be shown a preview of your chosen icon, you also have the option to add additional text and font styles to the icon.

When you have made your changes click "Next" to continue.

In this final window you can assign your custom icon to multiple sensors. Simply check the sensor you wish to use and click "Finish" You have now completed your icon setup.

6.7 Adding cameras and viewing live video

In this section we will look at adding a camera to the desktop and some of its settings. You will see that the process for adding cameras to the desktop is the same as adding any other sensor.

(Note: we will assume that you have already correctly setup the IP camera and is visible in network.)



Add to Server	
Choose fro	m the list below what you want to add.
	RAMOS Device Click here to add an RAMOS device to the server.
•	Camera Device Click here to add an IP camera to the server. (Onvif Supported)
	Network Device Click here to add a network device that has an IP address.
	Virtual Sensor Click here to add a virtual sensor to the server such an SNMP Get, Ping etc.
	Map Click here to upload a custom map file to the server.
	Cancel



In the following image you can see that we now have a video window displayed on our desktop, the images shown are of live video which is being received from the camera.





Now that we have added our camera, let's take a quick look at some of the options available in live viewing mode.

6.8 Setup video recording

Now that we have added live video to the desktop, let's take a look at how to setup and manage your video surveillance system with recording and archiving capabilities. Recording and archive size will only be limited by your hard drive space capacity. To set up video recording, go to View > check Video Recording.



To set up video recording, go to View > Video Recording or press function key F9 or use an Icon in left side panel

A video recording tab will appear with three sub tabs where you can view a summary of the video policies, and manage recording and archive policies.

Server Add View	v Settings Tools Help							
	Policies Summary	Recording Policies A	rchive Policies					
_	+ Create	📌 Edit 🔟 Remove	Disable					
	Policy name	Policy type		Condition	Cameras	Record directory	Max size	
wonitoring								
÷								
Access Control								
Time Attendance								
_								
Notifications								
Video Becording								
video Recording								
	Storage	e Usage						
	Drive DA	TAPART1 (D:)	Capacity 888,40 GB					
					Video Data 0,00 GB	Other Data 38,23 GB	Free Space 850,16 GB	
čtvrtek, 12 prosine	ec 2013 - 16:26:13							Que Version : 10.5.1

Go to "Recording Policies" tab and click the 'Create' button.

Select Recording Policy	x
Do you want to :	
Record on the Server	
Record on the Base Unit	
	Cancel

Now you select "Record on the Server"

er Recording Wizard					23
Recording Policy Setup Step: 1 of 5: Each of these	e fields are required to get you	ır policy working.			
Record Information					
Policy name:	Recording Policy				
Record directories:	Record Directory	Max Size	Unit	Add Edit Delete	
Max size reached:	Do not record items in thi Remove old items as nece	s directory. ssary.			
		Rack		ext > Can	el

Now you Add New Record directories

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P	1 of 5: Each of the	see fields are required to get your policy working
	Record Directory I	arowser
l	Maximum size:	
		New Folder OK Cancel

Select a folder where will be saved the records and define the maximal size of file.

cording Policy Setup Step: 1 of 5: Each of thes	e fields are required to get your policy v	working.		
Record Information				
Policy name:	Recording Policy			
Record directories:	Record Directory	Max Size	Unit	Add
	D:/CONTEG Pro Server/Video/Rec	100	MB	Edit Delete
Max size reached:	 Do not record items in this director Remove old items as necessary. 	у.		
		< Back	Ne	dt > Ca

Now is added new record directory and is necessary to define situation when size of file reach a maximum.

There is two options to remove old items and record new or don't record. Then press "Next".

Available Camera(s)				Selected Camera(s)	
Camera Name	Host Name	Policy		Camera Name	Host Name
			>>		

Now select camera and move it to right window by arrow and use "Next".

ver Recording Wizard	Σ
Record Condition	
Step: 3 of 5: Choose when to record videos.	
Choose when to record videos.	
Always	
On event	
Time event A video is recorded according to a scheduled time.	
Sensor event A video is recorded when a sensor status changes.	
< Back	Next > Cancel

In step 3 must by choose when to record videos: Always – permanently On event – controlled by time or by sensor event.

ver Recording Wizard	Σ
Frame Rate Setup Step: 4 of 5: This frame rate will be used at all time.	
Enter the normal frame rate	
Frame rate : 10 🛉 frame(s) per Second 🔻	
< Bar	:k Next > Cancel

In step 4 is necessary to define a frame rate. These frames are camera

shots which can affect recorded time in specified size on data space.

er Recording Wizard	
Wizard Complete	
Step: 5 of 5: Click 'Finish' to create a recording policy.	
Congratulations! You have successfully completed entering all required information.	
Recording Policy Review	
To review recording policies, go to 'Policies Summary' tab.	
Click Finish to save these settings and exit the wizard.	
< Back Finish	Cancel
Click Finish to save these settings and exit the wizard.	Cancel

Now just "Finish" the Recording Wizard.



7 Graphs

For other graph settings, click 'Options' and select Graph Settings. The Graph Settings dialog box will open. You can change the graph title by editing the default title and click the 'Set Title' button. You can change the time range of the graph. Select from the dropdown list. If you choose 'Custom Range', enter start date/time and end date/time for the range.

Check the 'Live Data' checkbox to automatically update the graph every Refresh Period. Display Status Color checkbox allows you to display/hide the status colors.



You can save graph data as text document or as an image. Click the corresponding Save As button in the Graph Settings dialog box or select from Options > Save As... menu.





8 Sensors (other features)

8.1 Configure Sensors



To configure sensors, we right click on the sensor and select Configure.

After clicking Configure, you will open the window which look like configure page on web interface of Ramos Ultra. There you can change the sensor's settings such as the status thresholds, sensor name, etc. The change in settings will then reflect upon saving in the web interface.



Also is possible to configure advanced settings


Normal Settings Advanced Settings Continuous Time Settings Minimum T	ime Settings
Units	°C •
Rearm	2,0
Reading Offset	0
Data Collection Type	Average
Enable Calendar	⊙ On ⊛ Off
Filter Status	Enable Disable
Check Rate of Change	Enable Isable
	OK Cancel Apply

9 Access Control Setup

9.1 Access Control – Page Overview

Click on the Access Control icon (shown below).

Server Add View	S <u>e</u> ttings Tools <u>H</u> elp										
	+ Users	Groups	Time Schedules	Access Logs	Update Devices						Settings
	1									Q - Search User	
Monitoring		First Name					Group	(None)			Ţ
	÷.	Last Name					Card ID			ID	▼ Scan
Access Control	Upload Photo	Department	(None)			▼ Add	PIN (4 DIGIT)				
		E-Mail					Fingerprint	Not Enrolled			Scan
U		Telephone				Ext.	Valid From	23. 9.2013	💷 to 🗌 2	3. 9.2013	
Time Attendance											Save
						1			1		
Notifications	First Name 📥		Last Name △			Department T	<u>.</u>		Group 🛰		
Video Recording											

This page is where the new Users, Groups, Time Schedules, Access Logs (Reports are entered and stored into the CONTEG Pro Server software. To add a new Group click on the "Group" tab, press "+" button and complete the wizard. To add a new User click on the "User" tab, press "+" button and complete the wizard and finally to add a new Schedule click on the "Time Schedule" tab, press "+" button and complete that wizard.

We will go through each of these in detail in the following sections, but first we will need to configure our RDU to the CONTEG Pro Server software.

9.2 Access Control – Setting RDU (Rack Door Unit)

9.2.1 Lock/Handle status settings

Return to the monitoring Section.





On the list of RAMOS Ultra you can see connected device "RDU 3.1". Physically is connected on expansion port 3 and is first in the daisy-chain line.

Door port 1 represents a Lock or Handle. Door port 1 (Reader IN) represents a reader.

Door port 1 is red on example above, because signal is in default configure to "low" and on RDU is connected DP-ZM-E2-ACS, which require "high" signal.



Now it will open "Device Configuration" window of this RDU. Click on "Advanced settings" tab and you will see now an options "Rack Closed" Signal Level how is shown on picture above.



Set this "Rack Closed" Signal Level by tab below:

Handle/Lock	"Rack Closed" Signal Level
DP-ZM-E1-ACS	High
DP-ZM-E2-ACS	High
DP-ZM-EML-S	Low
DP-ZM-EML-LW	Low

After you set the right signal level and press "OK" button, the lock/handle will show right status.



When the "Door Port 1" receives correct signal is generally black.

9.2.2 Reader modes settings



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Access status is generally set on "Card" mode. For "Card + PIN" mode is necessary to use keypad with integrated card reader, e.g. **RMS-ACS-U-KER**.

9.2.3 Manual remote Unlock

	🗆 🛲 RDU 3.1	
	Door P 📑	Configure
	Door P	Acknowledge
•		Unlock

For manual remote opening you can use right click on lock port "Door Port 1" and click on "Unlock".

9.3 Access Control – Group Overview

The CONTEG Pro Server software allows you to setup Groups of users. This feature is used for allowing or denying access to specific doors, specific times and also to set security and access levels for our groups of users.

Creating new groups will be covered in section

9.4 Access Control – Groups.

We will cover the Users and Schedules before covering the "Manage Permissions" for each of our groups as we need to add our users and schedules before adding our permissions to each group.

	Ð	Users	Grou	ups	Time Schedules	Access Logs	Update Devices				🛟 Settings
	-	Administrat	tor							Q Search (Group
Monitoring	Adm Gues Mana	nistrator : :aer		Group N	ame : Administrator			Save			÷ 🔊 🖻
- 	Regu	lar Employee		Door Nam	ne 📥		Host 🛰		Schedule 🛆		
Access Control	Secu	ity									
C. Time Attendance											
Notifications											
Video Recording											
5											

Our second tab in the Access Control section is Groups. If we click on the Groups tab we can see in the screen shot above we have a list of the existing groups that by default are already setup in the system. We can use these pre-set groups or we can create our own groups using "+" button. As mentioned above the new group wizard will be covered in section of this manual after we have added our users and schedules to the system.

After our groups have been created or chosen, then the Users, Schedules and Permissions can be assigned to each of the groups.



9.5 Access Control – User

The CONTEG Pro Server software allows you to setup individual system users. You can enter your users name and details, assign each user to departments, holidays for each department and other personal information such as the users picture, email, telephone number etc.

The Users data base will also hold each users system log in and out times and from which door they used.

Server Add View	Settings Tools Help											
	+ Users	Groups	Time Schedules	Access Logs	Update Devices						🔅 Set	ttings
	1									Q - Search U	lser	
Monitoring		First Name					Group	(None)				Ţ
5	<u>+</u>	Last Name					Card ID			ID	▼ Scan	
Access Control	O' Upload Photo	Department	(None)			▼ Add	PIN (4 DIGIT)					
0		E-Mail				Ext	Fingerprint	Not Enrolled	- to 24	0.2012	Scan	
Time Attendance		, elephone					valutrom	24, 9,2015	to24	. 9.2015	Save	
Notifications	First Name 📥		Last Name	<u>~</u>		Department	₹ <u>A</u>		Group 🍡			
Video Recording												

To add a new user to the CONTEG Pro Server software you will first click on the Users tab as shown above, then click on the "+" button which will launch the new user wizard.

(**Important Note:** In order for each user that has been added to the software to clock in or out using their EM or HID Prox cards or to open doors in the system, the Users must be first added to a Group and that Group must be given permission to open that door and also have that access time schedule added. This is all covered in the Groups and Permissions in the following sections of this manual.)

ew User Wizard			23
User General Information Step: 1 of 2: You must specif	y the information required to create a new user.		
	First Name		
¢.	Last Name		
Upload Photo	Department		
	(None)		- Add
	E-Mail		
	Telephone		Ext
		< Back Next >	Cancel

As you can see on the first screen of the new user wizard above is where you will begin to enter the new user details such as the users first and last name.

	First Name	
	Last Name	
Photo	Department	
	(None) V Add	
Settings	1-100	Σ
Manage De	Partments:	
	Photo Settings Departm Manage De Department	Photo Last Name Department (None) ▲dd Settings Departments Manage Departments: Please insert department Please insert department name OK Cancel

You can either choose a department from the drop down list or if you do not have any departed created already you can click on he "Add" button, then the "Manage Departments" and add your own here as shown in the screen shot above.

User Wizard		14410	
Access Information			
Step: 2 of 2: Select a group and assign a Card, Fing	gerprint and PIN to the user.		
Group	_		
(None)	-		
(None)			
Administrator	Fingerprint		
Manager	Not Enrolled		Scan
Regular Employee			
Security	Validation Start	Validati	on End
	24. 9.2013	🗐 🔻 📃 24.:	10.2013
		Rack E	nich Cancel
		N DOCK	Cancer

In the next screen of your new user wizard you will choose your group that this new user will belong to from the "Group" drop down list as shown above.



Access Information	on	DIN to the user		
5tep: 2 01 2: 56	sect a group and assign a Card, Pingerprint and	Fill to the user.		
Group				
(None)	•			
Card ID		Fingerprint		
	ID 🗸 Scan	Not Enrolled		Scan
PIN	4 digit Facility+ID	Validation Start	Validation End	
		24. 9.2013	24.10.2013	
		< Bac	Finish	Cance

You can select "ID" or "Facility + ID". Facility + ID format is when you want entering HID Prox card manually without Scanning.

User Wizard			
Access Informati Step: 2 of 2: Se	ion elect a group and assign a Card, Fingerprint ar	d PIN to the user.	
Group		۲.	
(None)			
Card ID		Fingerprint	
	ID - Scan	Not Enrolled	Scan
PIN	4 digit Re-enter Pin	Validation Start Validation	End
		24. 9.2013	2013
Scan Card			
	Ready to scan		
	X00000000X	< Back Finis	h Cancel
	Cancel		

On the next screen is shown how you can scan in your card. you will use to scan the card reader that is if you already have the scanner connected to the system. Simply click in the Scan button and scan your card in the reader.

You can get USB desktop card reader from Conteg: "RMS-ACS-DCR"



w User Wizard	5
Access Information Step: 2 of 2: Select a group and assign a Card, Fingerprint and PIN to the use	н.
Group	
Card ID Finger	print nrolled Scan
PIN 4 digit Re-enter Pin Validat 24. 92	tion Start Validation End 2013

You can also add your PIN code for the pad and any valid dates. After this information is entered you can press the finish button to complete the wizard.

Server Add View	Settings Tools Help										
	+ Users	Groups	Time Schedules	Access Logs	Update Devices						Settings
	RAMOS CON	TEG				Q	 Search User 				
Monitoring		First Name	RAMOS				Group	Administrator			-
_	±.	Last Name	CONTEG				Card ID	0000098170		ID	• Scan
Access Control	O' Upload Photo	Department	(None)	▼ Add			PIN (4 DIGIT)	(4 DIGIT) ••••			
	Upload	E-Mail	ramos.conteg@conteg.co	m			Fingerprint	Not Enrolled			Scan
		Telephone				Ext.	Valid From	24. 9.2013	🗊 🕶 to 🔲 24. 9.2	013	
Time Attendance											Save
•••	First Name		Last Name 4	2		Department	V _A		Group 🐃		
Notifications	RAMOS		CONTEG			(None)			Administrator		
Video Recording											

After clicking on the Finish button we can now see our new user has been added to our access control.

You can add a picture now or change details and after editing you must save it, by "Save" button.

9.6 Access Control – Time Schedule

The CONTEG Pro Server software allows you to add scheduling to either allow access or deny access to specific users, groups and doors during these custom pre-set time zones.



When you first click on the Schedules tab as shown above you can either edit any of the existing schedules that are in your schedules list, or you can create a new schedule by clicking on the "+" button which will launch the new schedule wizard.

New Schedule	2	3
Please enter a	chedule name	
		-
	OK Cancel	

In First step is required name for new Schedule. Enter new name and press "OK".

You can allow or deny access just by clicking on each of the individual time zone squares or click on the times or days to all or deny access to that entire row.

If you right mouse click on an individual time zone square you can adjust the Time Offset in minutes for each of the zones as shown in the screen shot above.

	+	Users		Groups		Time Sc	hedules	Access Logs	Up	date I	Device	s															Settings
_		Mon, Tu	e - Allow																							Q , Search Schedule	
Monitoring	Acc Den Hol	ess All y All		S	chedule N	lame :	Mon, Tue - A	llow	s	ave)																
- -	Mo	n, Tue - Allow			Select the time schedule then press 'Save'.																						
Access Control	Wee	ekday ekend						ALL	12 1	AM PM																	
Q								Sunday	12 1	2	3	4 5	0	/ 8	9	10 1	1 12	1	2 3	4	5 (8	9 10	, 11		
Time Attendance								Monday																			
- 1								Tuesday Wednesday					f			Time (Offset 15	Minut	es)								
Notifications								Thursday						0 5	10	15 20	25 30	35 40	45 5	0 55	60						
								Friday Saturday					L				Done										
Video Recording								Major Holiday Minor Holiday																			
								Legend																			
								Allow Access								To sele	ct an er To sele	ntire Re ct a se	ow or C gment	olum withi	n, clicl n the h	a Rov Iour, R	y or C ght C	olumn lick at	label. a cell.		

Then after completing the new schedule wizard you would click on the Save button as shown in the screen shot above.

9.7 Access Control – New Group

The New Group function of the Access Control section allows you to assign groups of Users access permissions to each of the doors that are installed on the RAMOS Ultra that you have added to the system.

Now that you have completed adding you user and our new schedule, you can now create a new Group and also assign a user and a schedule to an existing group.

After clicking on the Groups tab, then clicking on the "+" button will launch your New Group Wizard as shown in the screen shot bellow.





New G	iroup Wizard roup General Ir	nformation	ion required to	create a new	(group		×	
	Group Name	Client - Conteg			, group,			
	Work Shift	(None)				Add] ==	C 1 D
ſ	Settings							Sched
	Shift Manage Shi	s ifts: 🕀 🔊 💼						
	Name 📥			Start △	End 🍬	Total Hours 🖡	Work Days 🛸	
		Shift Information Step: 1 of 2: Name Name : Start : Lunch Period : Lunch Duration : Work Day : Advanced Option Clock out will d I Deduct Breat	your shift and 8:00:00 2:00:00 5 Sun Ø 5 6 6 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	configure yo	ur shift inform ind : 17:00:0 ind : 13:00:0 e(s) Je @ Wed after the shi d hours.	nation.	Sat	
						< Back	Next >	Cancel

You can add a Work Shifts to each group.

Press "Add" and get on Shifts settings. Then press "+"button to add shift and new window will open.

Enter a new name for shift e.g. Day Shift and set times and days.

After that press "next" and you will be taken to second step of setting, where you can add this shift to other "Groups". You can select group and press arrows to move it to "Selected Groups" than press "Finish"

Shift Wizard	Settings
Group Selection	Shifts
Step: 2 of 2: Assign the group(s) to snirt, click Pinish.	Manage Shifts: 💮 💉 🔟
Available Groups Selected Groups	Name 🔺 Start 🛆 End 🖡 Total Hours 🛸 Work Days 🐃
Group Name Shift Name Administrator Manager Regular Employee Security Grees << Back Finish Cancel	Day Shift 08:00 17:00 8:00 M, T, W, Th, F
Step: 1 of 2: You must specify the information required to create a new group. Group Name Client - Conteg Work Shift (None) (None) (Day Shift (Shift) (Shift	Now you can select added Work Shifts group. Press "next" to get on second step settings.

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The next screen in your New Group Wizard is the list of users, so you can highlight each of the users you want to add then click on the >> button to move the users to the new group.

ew Group wizard				
Add User to the grou	р			Add
Step: 2 of 2: Select	users into this group.			SI
Avaliable Users			In Group	Avalia
User	Group		User	User
RAMOS CONTEG	Administrator			
		<<		

valiable Users			In Group
User	Group		User
			RAMOS CONTEG
		>>	
		<<	

Now as you can see in the screen shot above the user has been added to the list of users in this new group. You just have to click on the Finish button to complete the wizard.

	+	Users	Groups	Time Schedules	Access Logs	Update Devices			4	Settings
	<u>.</u>	Client - Conteg							Q Search Group	
Monitoring	Administr	rator	_				_			
monitoring	Client - C	onteg	Group N	lame : Client - Conteg			Save		\oplus	
- 	Guest Manager		Door Na	ne 🔺		Host 🖏		Schedule 🛆		
Access Control	Regular Er	mployee								
-	Security									
Time Attendance										
- F										
Notifications										
Video Recording										

Now as you can see in the screen shot above that our new group has been added.

9.8 Access Control – Group Permissions

The Groups Permissions section of the Access Control section allows you to assign groups of users access permissions to each of the doors that are installed on the RAMOS Ultra that you have added to the system. These permissions include the doors the groups can access and the schedules too.

		Users		Groups	Time Schedules	Access Logs	Update Devices			🔅 Settings
	<u>.</u>	Client -	Conteg							Q Search Group
	Adminis Client -	strator Conteg		Group N	lame : Client - Conteg			Save		()
1	Manage	er		Door Nar	ne 🔺		Host 🛸		Schedule △	
	Regular	Employee								
	Security	r								

As the screen shot on the previous page shows you need to add permissions to your groups before each of our users in the system will be able to not only clock in or out using the system card readers and keypads, but to open each of the doors in the system as well.

First you need to highlight the Group for which we will add our permissions to. Then you will click on the "+" button as shown in the screen shot above.

Door Selection	
Step: 1 of 2: Assign the door(s) to group, click Next. Available Doors Door Name Host Door Name Host Door Name Host Image: Selected Doors Image: Selected Doors Door Name Host Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Image: Selected Doors Imag	This will launch the Manage Permissions wizard which will guide you through adding permissions to the group. As the screen shot shows above we will first select the doors from the Available Doors column and click the >> button to move the to the Selected Doors column
	1
Add Door Permission	
Door Selection	
step: 1 of 2: Assign the aborts) to group, click Next.	
Available Doors Selected Doors Door Name Host Door Name Host	
Door Port 1 RAMOS Ultra (TEST) (1	
	Now you can see that your door we
>>>	selected have been moved across so we
••	on with the normissions wizerd
< Back Cancel	
	-
Add Door Permission	
Access scnedule Selection Step: 2 of 2: Assign a schedule to selected doors, and click Finish.	
Schedule	You will now choose the Schedule for
Select a schedule No Access	the access from the drop down menu as
Access All	
Access All Deny All Holiday Mon. Tue - Allow	shown in the screen shot above. And to
Access All Deny All Holiday Mon, Tue - Allow No Access Weekday Weekday	shown in the screen shot above. And to finish the permissions wizard you click
Access All Deny All Holiday Mon, Tue - Allow No Access Weekday Weekend	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Access All Deny All Holiday Mon, Tue - Allow No Access Weekday Weekend	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Access All Deny All Holiday Mon, Tue - Allow No Access Weekday Weekend	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Access All Deny All Holiday Mon, Tue - Allow No Access Weekday Weekend	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Access All Deny All Holiday Mon, Tue - Allow No Access Weekday Weekend	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Access All Deny All Holiday Mon, Tue - Allow No Access Weekday Weekend	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Access All Deny All Holiday Mon, Tue - Allow No Access Weekday Weekend Veekend Sever Add View Settings Tools Help Lang Groups The Scholars Investing Tools Help	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Access All Deny All Holiday Mon, Tue - Allow No Access Weekday Weekend Server Add View Settings Tools Help Users Groups Time Schedules Access Logs Update Devices	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Access All Deny All Holiday Mon, Tue - Allow No Access Weekday Weekend Server Add View Settings Tools Help Users Groups Time Schedules Access logs Update Devices Monitoring Monitoring Monitoring Constant Group Name: Client - Conteg	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Access All Deny All Holiday Mon, Tue - Allow No Access Weekend Server Add View Settings Tools Help Server Add View Settings Tools Help Users Groups Time Schedules Access logs Update Devices Monitoring Client - Conteg Monitoring Group Name : Client - Conteg Open Name : Client - Conteg	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Access All Deny All Holiday Mon, Tue - Allow No Access Weekday Weekend Server Add View Strings Tools Help Users Groups Time Schedules Access Logs Update Devices Monitoring Administrator Group Name : Client - Centeg Joor Name - Hoat %. Monitoring Manger Regular Enployee Boor Name - Hoat %. Door Port I (RDU 31) RAMOS Ultre (TE	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Access All Deny All Holiday Mon, Tue - Allow No Access Weekend Server Add View Settings Tools Help Image: Groups Time Schedules Access logs Update Devices Image: Client - Conteg Monitoring Users Groups Time Schedules Access logs Update Devices Image: Client - Conteg Monitoring Manage: Regular Employee Scourity	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Access All Holiday Mon, Tue - Allow No Access Weekend Sever Add Vier Stings Tools Help Sever Add Vier Stings Tools Help Sever Add Vier Stings Tools Help Weekend Sever Add Vier Stings Tools Help Image: Client - Conteg Monitoring	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Access All Holiday Mon, Tue - Allow No Access Weekend Server Add View Strings Tools Help Server Conteg </th <td>shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.</td>	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Sever Add View Settings Tools Help Sever Add View Settings Sever Manager Regular Employee Security Now Aa Now Aa Now Aa Now Aa	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.
Sever Add View Settings Tools Hep Weekend Sever Add View Settings Tools Hep Monitoring Manager Manager Security Security Security Weekend Now at abovee Now at abovee Now at above	shown in the screen shot above. And to finish the permissions wizard you click on the Finish button.

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9.9 Access Control – Update device

Extremely Important Note:

In order to activate the new access in the system YOU MUST RUN THE UPDATE from the Update Device tab as shown in the screen shot below.

Server Add Vie	w Settings	Tools Help									
	+	Users	Groups	Time Schedules	Access Logs	Update Devices					Settings
	🗈 se	end Now Ser	nd Updated Data 1 Sent : 13.11.2013 16:44	to Door Control U 1:33	nit			(1) View History	Q Search Host		
wonitoring	Host				Status			Last Sent			
	RAMOS Ultr	a (TEST) (192.16	8.161.100)		Ready			13.11.2013 16:44:	35		
Access Control					-						
Notifications											
Video Recording											

Having Trouble Opening the Doors?

If all the door locks and readers are wired up, you should be able to scan and open the doors. If you're having trouble or you receive two beeps when scanning your card, proceed to the Users tab and check the Group to which the user you're having problems with is assigned in the correct group that you have added permissions for.

9.10 Access Control – Access Logs

The Access logs hold all of the information the users who accessed the system which includes the date and time, the user, the door name, the host or RDU name, and the event which occurred. The access logs can be accessed by clicking on the Access Log tab as shown in the screen shot below

Server Add View Settings Tools Help												
	+	Users	Groups	Time Schedule	es Access Logs	Update Devi	ices				Settings	
		Start Date 1.11.2013	From 0:00:00	A.	Select a Period					0		
		End Date 20.11.2013	To 15:42:42		This Month	Apply	Export	Filter		Q ▼ Search User		
Monitoring												
Monitoring		Date / Time 🛸 🛛 U	lser 🐃		Door Name 🛰	H	ost 🐃		Event 🛸		ж А	
_	0	20.11.2013 15:52:22			Door Port 1	R	AMOS Ultra (TEST)		Door is Closed		~	
	(<u> </u>	20.11.2013 15:52:05			Door Port 1 (Reader IN)	R	AMOS Ultra (TEST)		Access Denied: Wrong Card/PIN Combination			
Access Control	0	20.11.2013 15:51:58			Door Port 1	R	AMOS Ultra (TEST)		Door is Open			
	2	20.11.2013 15:51:58 T	omas Graf		Door Port 1 (Reader IN)	R	AMOS Ultra (TEST)		Access Granted		E	
~		20.11.2013 15:51:34			Door Port 1	R	AMOS Ultra (TEST)	Door Held Open				
	0	20.11.2013 15:51:03			Door Port 1	R	AMOS Ultra (TEST)		Door is Open			
Time Attendance	2	20.11.2013 15:51:03 E	M TAG		Door Port 1 (Reader IN)	R	AMOS Ultra (TEST)		Access Granted			
	0	20.11.2013 15:51:02			Door Port 1	R	AMOS Ultra (TEST)		Door is Closed			
		20.11.2013 15:50:55			Door Port 1	R	AMOS Ultra (TEST)		Door Forced Opened			
••••	0	20.11.2013 15:50:46			Door Port 1	R	AMOS Ultra (TEST)		Door is Closed			
Notifications	0	20.11.2013 15:50:28			Door Port 1	R	AMOS Ultra (TEST)		Door is Open			
	2	20.11.2013 15:50:28 E	M TAG		Door Port 1 (Reader IN)	R	AMOS Ultra (TEST)		Access Granted			
REE		20.11.2013 11:27:27			Door Port 1	R	AMOS Ultra (TEST)		Door Error			
	0	20.11.2013 11:27:27			Door Port 1	R	AMOS Ultra (TEST)		Door is Closed			
Video Recording		20.11.2013 08:44:43			Door Port 1	R	AMOS Ultra (TEST)		Door Error			
	0	20.11.2013 08:44:43			Door Port 1	R	AMOS Ultra (TEST)		Door is Closed			
Server Add View	w Se	ttings Tools Help									_	
	+	Users	Groups	Time Schedule	es Access Logs	Update Dev	ices				Settings	
		Start Date 1.11.2013	From 0:00:00	A.V.	Select a Period		_			0		
		End Date 20.11.2013		×	This Month Custom Filter	Apply	Export	Filter				
Monitoring		Date / Time 🛸 🛛 U	lser 🛰		Door Today	H	ost 🐃		Event 🍬		X A	
	0	20.11.2013 15:52:22			Door Yesterday	R	AMOS Ultra (TEST)		Door is Closed			
	8	20.11.2013 15:52:05			Door Last Week	R	AMOS Ultra (TEST)		Access Denied: Wrong Card/PIN Combination			
Accore Control	0	20.11.2013 15:51:58			Door This Month	R	AMOS Ultra (TEST)		Door is Open			
Access Control	8	20.11.2013 15:51:58 T	omas Graf		Door Port 1 (Keader IN)	R	AMOS Ultra (TEST)		Access Granted		E	
-		20.11.2013 15:51:34			Door Port 1	R	AMOS Ultra (TEST)		Door Held Open			
	0	20.11.2013 15:51:03			Door Port 1	R	AMOS Ultra (TEST)		Door is Open			
Time Attendance	P	20.11.2013 15:51:03 E	M TAG		Door Port 1 (Reader IN)	R	AMOS Ultra (TEST)		Access Granted			
interretendance	0	20.11.2013 15:51:02			Door Port 1	R	AMOS Ultra (TEST)		Door is Closed			

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There are several filters that can be applied to the logs for viewing specific information such as the Custom Filter, sorting by Today, Yesterday, This week or This Month by choosing any one of these from the drop down list as shown it the screen shot above.

If you choose the Customer Filter you can enter any custom date and time for your report.



You can also chose the advanced filter as shown above which will give you many more options for generating reports based on Events or Status.

Server Add Viev	v Sel	ttings Tools Help									
	+	Users	Groups	Time Schedules	Access Logs	Update De	vices				Settings
Ţ		Start Date 1.11.201 End Date 20.11.201	3 🐨 From 0:00:00 3 🐨 To 15:54:30	S N	elect a Period his Month	- Ap	bly Export	Filter		Q, ▼ Search User	
Monitoring		Date / Time 🛸	User 🖏	Door M	lame 🛰		Host 🖏	Eve	nt 🍬		×
_	0	20.11.2013 15:52:22		Door P	ort 1		RAMOS Ultra (TEST)	Doc	r is Closed		~
	₽	20.11.2013 15:52:05		Door P	ort 1 (Reader IN)		RAMOS Ultra (TEST)	Acc	ess Denied: Wrong Card/PIN Combination		
Access Control	20.11.2013 15:51:58		🕵 Save As	Save As							
	P	20.11.2013 15:51:58	Tomas Graf		-			-	anted		E
~		20.11.2013 15:51:34		Saven	n: 📷 Libranes		• 9 9 9	••••	d Open		
	0	20.11.2013 15:51:03		Ca.	Docu	ments	Music		pen		
Time Attendance	P	20.11.2013 15:51:03	EM TAG		s Library		Library		anted		
	0	20.11.2013 15:51:02		Recent Places					osed		
		20.11.2013 15:50:55			Pictu	res	Videos		ted Opened		
	0	20.11.2013 15:50:46		Desktop		y			osed		
Notifications	0	20.11.2013 15:50:28							pen		
	P	20.11.2013 15:50:28	EM TAG		1				anted		
BIIB		20.11.2013 11:27:27		Libraries					18		
	0	20.11.2013 11:27:27							osed		
Video Recording		20.11.2013 08:44:43							1		
	0	20.11.2013 08:44:43		Computer					osed		
		19.11.2013 08:56:21							1		
	0	19.11.2013 08:55:42		Network					losed		
	0	19.11.2013 08:55:42			File name:	untitled	•	Save	losed		
	2	15.11.2013 17:36:10			Save as type:	CSV Document	*csv) 🔻	Cancel	inied: Input Entry Timeout		
	8	15.11.2013 17:30:17					,		nied: Input Entry Timeout		
	2	15.11.2013 16:51:12		Door P	ort 1 (Reader IN)		RAMOS Ultra (TEST)	Acc	ess Denied: Input Entry Timeout		
		15 11 2012 15:22:27		Door D	ort 1 (Reader INI)		RAMOS HIMA (TEST)	Acc	err Denied-Innut Entry Timeout		

After generating your report, you can Export this data into a CSV type file which can then be imported into an Excel file or other types of file. To export your report just click on the Export button as shown in the screen shot above.

Blocking a User

To block a user - Move them to the No Access Group and Update Device.



Re-Using or Re-Assigning Access Cards

You can also delete the card number from one person and make a new UserProfile with that Card. The past Access Details for the first card owner is retained in the system.

If you update the User Profile of the First person with the Second Persons name for example changing Mary to Matt. Then all of the system log's would show Matt and Mary would cease to exist. So the best thing to do, for an example is if an employee works for you temporarily is to keep that user profile and remove their card number, save and synchronize. Then make a new employee with that card that way you can still search for Mary.

10 Adding Cameras for Access Control Video Security

By addition IP cameras to the network you are then able add video security to your Access Control System. This will allow you record who exactly enters and exits each door that is controlled by your RAMOS Ultra. This is setup using the CONTEG Pro Server's video recording policies tied to the digital IP cameras added in network. You have the option of storing this video only on the computer that the server software is running on, or on 3rd party video server, or both.

10.1 Setting up the Recording Policies

In order to setup the recording policies on the server software you need to first make sure you cameras are connected to the network, they are operating properly and are mounted in the correct position that will record the users entering or exiting the premises or where ever you are monitoring your access control from.

The setting been explained in capture "6.8 Setup video recording" and till step 3 is same.

Recording Policy Wizard	×
Record Condition	
Step: 3 of 9: Choose when to record videos.	
Choose when to record videos.	
Always	
On event	
Time event	
A video is recorded according to a scheduled time.	
Sensor event	
A video is recorded when a sensor status changes.	
< Back	Next > Cancel
	Cuncer

In step 3

In the screen of the wizard you will choose the recording condition and you will choose the On Event option and check the Sensor event so that the camera will record the video when the door opens. You will then click on the Next button to continue.



Frame Rate Setup		
Step: 4 of 9: This frame rate will be used when no event occ	urs.	
•		
Enable video recording when no event occurs.		
Enter the normal frame rate		
Frame rate : 10 🚔 frame(s) per Second	•	
	< Back Next > Ca	ncel
ording Policy Wizard		2
Sensor Event Setup		
Step: 5 of 9: These settings will be used when there are char	nges in the sensor status.	
·	-	
Enter sensor event frame rate.		
Frame rate 20 A frame(r) per Second -		
Enter pre/post recording time on sensor event.		
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s)		
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s)		
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s)		
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s)		
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s)		
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s)		
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s) Second(s)		
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s) Second(s)		
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s) Second(s)		
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s) Second(s)		
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s) Second(s)		
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s) Second(s)	< Back Next > Ca	ncel
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s)	< Back Next > Ca	ncel
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s) Second(s)	< Back Next > Ca	ncel
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s) Second(s) Post recording time : 3 Second(s) second(s)	< Back Next > Ca	ncel
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s) Post recording time : 3 Second(s) post recording time : 3 Second(s)	< Back Next > Ca	ncel
Enter pre/post recording time on sensor event. Pre recording time : 3 Second(s) Post recording time : 3 Second(s) rding Policy Wizard Sensor Event Setup Stars for 69 - Choose sensors and taken that will tringent be	< Back Next > Ca	ncel
Enter pre/post recording time on sensor event. Pre recording time : 3 \$ Second(s) Post recording time : 3 \$ \$ Second(s) Post recording time : 3 \$ \$ Second(s) rding Policy Wizard \$ \$ \$ \$ Sensor Event Setup \$	< Back Next > Ca	ncel

Step 4

On the previous page you can enable video recording when no event occurs and set the frame rate. This will allow the camera to still record video if the camera is not recording the video.

Step 5

The next screen of the wizard you can set the frame rate for the video and also set the camera's pre and post recording time in seconds as shown above.

cording Policy Wizard		
Sensor Event Setup Step: 6 of 9: Choose sensors and status that will trigger the sensor event.		
iensor		Status
AXIS M1054 Network Camera (192.168.98.94) AXIS M1054 Network Camera (192.168.98.94) AXIS M1054 Network Camera (192.168.98.94) RAMOS Optima DEMO (192.168.161.236) RAMOS Utra (192.168.161.237) Host Status The Main Module AMOS ULTRA EX-08 Deor Port 1 Door Port 1 Door Port 1 Temperature Array Port 1.1 Temperature Array Port 1.3		Tampered Held Open Closed Opened Force Opened Sensor Error
To select multiple items, press and hold CTRL or SHIFT while select	ecting.	
< Back	Next >	Cancel

Step 6

On screen is shown how you will choose the door that will trigger the recording of the video and the status the door will be in when the recording starts.

Sensor Event Setup								
Step: 7 of 9: The sensor event setup helps you to filter false sensor notifications. By setting the duration for each chosen sensor status, you can offset the start of a recording policy or notification.								
Tampered	0 💌 Seconds							
Held Open	0 Seconds							
Closed	0 Seconds							
Opened	0 🔺 Seconds							
Force Opened	0 Seconds							
Sensor Error	0 Seconds							

Step 7

In the screen you can set the duration of time that you can delay the start of the recording or the notification tied to the door opening. This feature is normally used to eliminate any false alerts.

x Recording Policy Wizard Sensor Event Scheduler Step: 8 of 9: The scheduler provides the facility to have the sensor event active for selected periods. Event scheduler Enable Disable Select the time that sensor event will be active. AM PM ALL 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 Sunday Monday Tuesday Wednesday Thursday Friday Saturday Invert selection/Set to working hours Legend Event active To select a whole row/column, click at a row/column label. Event inactive To select a minute, right click at a cell. < Back Next > Cancel

Step 8

If you need to add a schedule to the recording policy then you would add this in the next screen of the wizard as shown in the screen shot.

Wiz	ard Complete
1	Step: 9 of 9: Click 'Finish' to create a recording policy.
	Congratulations! You have successfully completed entering all required information.
	Recording Policy Review
	To review recording policies, go to 'Policies Summary' tab.
	Click Finish to save these settings and exit the wizard.
	< Back Finish Cancel

Step 9

To complete your new recording policy that will record the video when the door is opened you would click on the Finish button in the last screen of the wizard as shown in the screen shot





10.2 Playback window

The playback feature allows you to go back to a specified time and review the corresponding details of sensor information and events from the system log. You can also view a video playback of cameras at the given time



11 Adding network device and virtual sensors

11.1 Adding Network Device - Host status

🧕 CON	💇 CONTEG Pro : Admin@192.168.98.250 - Workspace1								
Server	Add) View	Settings	Tools	Help				
		RAMO Came	IS Device ra		neras	Maps			
		Netwo	rk Device						
C		Virtual Man	Sensor		twork (Camera	log		
Mor		-			1				

On main top menu press "ADD" and select "Network Device" as shown on picture.



Add a New Network Device				
Hostname or IP	192.168.161.235			
Monitored By	Ping & SNMP get 👻			
SNMP Read Community	Ping Ping & SNMP get			
SNMP Port	161			
Scan	OK Cancel			

Now enter the IP address of RAMOS Mini and select if want only Ping or Ping & SNMP get. Select Ping and on next part will be shown how to add SNMP get. Click on "OK"

IP address of Ramos Mini you can find via Application for identification of RAMOS Mini in the network named "RMS_Config.exe". It's explained in RAMOS Mini manual.

\leq	AXIS M1054 Network Camera							
,	Host Status							
rol	Net H H H ost s	Configure Create Virtual Sensor Delete						
Host	Configuration	X						
ŀ	Hostname or IP	192.168.161.235						
T	Гуре	Network Device						
s	System Name	Network Device						
F	Port	161						

Change the name of device for better identification by right click on device in list and select "Configure..."

Enter new name of device e.g. RAMOS Mini and click "OK"

The Ping feature can be configured too. Is possible to use ping or http method for checking the host status, which can renamed in first step of "host configuration" as shown on picture below.

Ping Virtual Sensor	10 10 T	×					
Ping Virtual Sensor Configu	ration						
Step: 1 of 2: Configure the sensor name, description and method							
	Hostname or IP Sensor name Description of normal status Description of critical status Method	192.168.161.235 Host Status Reachable Unreachable © ping © http					
	[< Back Next > Cancel					

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ng Virtual Sensor	1.00	Sec. 1	×
Ping Virtual Sensor Configu Step: 2 of 2: Set the ping	interval, timeout a	and number of retries	
	Ping interval	15 Second(s)	
	Ping timeout	10 Second(s)	
	Retry	2 🔺 Times	
		< Back	<u>Einish</u>

On step 2 is option to set ping interval, timeout and quantity of retry as shown on picture.

11.2 Adding Network Device - Virtual Sensor (RAMOS Mini)



۳.,

Multiple

Sensors

Next >

Cancel

۳.,

SNMP Get

۳.,

Ping

۳.,

Custom

Script

The Network Device is added and now is possible to add Virtual Sensor. Right click on Network device will pop up the options, select "Create Virtual Sensor".

Following window giving an options now to create:

- SNMP Get
- Ping
- Custom Script
- Multiple Sensors

Select "SNMP Get" and click Next.

By the next explanations enter the name of sensor, select "Custom OID", enter OID code from MIB file or tab below for RAMOS Mini and select style of sensor (Switch or Analog).

RAMOS Mini	Sensor Style:	Custom OID:	normal	Status 0	Status 1
Dry Contact / Input	Switch	.1.3.6.1.4.1.28402.4.3.1.1.2.1	1	Open	Close
Relay / Output	Switch	.1.3.6.1.4.1.28402.4.3.2.1.2.1	0	Off	On
RAMOS Mini	Sensor Style:	Custom OID:	Value Fa	ctor	Unit
Sensor 215	Analog	.1.3.6.1.4.1.28402.4.3.3.1.5.1	0.1		°C
Sensor 216	Analog	.1.3.6.1.4.1.28402.4.3.3.1.5.2	0.1		°C

11.2.1 RAMOS Mini - Dry Contact (Input):

Screenshots below will show you how to integrate Ramos Mini as Network device.



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11.2.2 RAMOS Mini - Relay (Output):

SNMP Virtual Sensor Confi	uration				
Step: 1 of 3: SNMP GET V	irtual Sensor				
-					
	Hostname or IP	192.168.161.2	5		
	Sensor name	Relay Output			
	OID Name	Custom OID			-
BRI	OID	1.3.6.1.4.1.28	402.4.3.2.1.2.1		
	Company at da				
	Sensor style	Switch •			
Triter					
THE					
			< <u>B</u> ack	Next >	<u>C</u> ancel
NMP GET Virtual Sensor					x
SNMP Virtual Sensor Config	juration				
Step: 2 of 3: Select the va	lue factor and defi	ne the unit.			
	Normal state v	alue	0		
-	Description of	normal status	0#		
	Description of	normai status			
22 V	Description of	critical status	On		
Ker V					
- de l					
THEAT					
THE					
			< <u>B</u> ack	<u>N</u> ext >	<u>C</u> ancel
NMP GET Virtual Sensor	100		e		×
SNMP Virtual Sensor Config	juration				
Step: 3 of 3: Set the pollin	ig interval.				
	Polling interval	15	Second(s)		
	r oning interrai		Second()		
ER V					
ZZX.					
87.00					

Enter the name and specific OID for the sensor. If the sensor can provide information 0 or 1 select sensor style to "Switch". Click "Next".

Now select value for normal status 0 or 1. Name the normal status e.g. OFF, and name for critical status (ON). Click "Next".

Select interval for receiving the informations in seconds. Click "Next".

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11.2.3 RAMOS Mini - Sensor (Temperature):

Enter the name and specific OID for the sensor. If the sensor can provide information by number presenting a value, select sensor style to "Analog". Click "Next".

Now select value factor, which will multiply a value to right format, e.g. temperature sensor read 22.6°C and send information via SNMP in format 226. This value must be multiply by 0.1. Enter unit text e.g. °C, °F, %RH and so on. Click "Next".

Select thresholds for each level. Click "Next".



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SNMP GET Virtual Sensor	-				×
SNMP Virtual Sensor Config Step: 4 of 4: Set the pollin	j uration g interval and rear	m value.			
	Polling interval Rearm	15 x x	Second(5)		
			< <u>B</u> ack	<u> </u>	<u>C</u> ancel

Select interval for receiving the informations in seconds. Click "Next".

11.3 Adding Network Device - Virtual Sensor (Multiple Sensors)

Select Host	RAMOS Mini (DEMO) (192	.168.161.235)	
	Ping Custom Mult Script Sens	ple ors ext > Cancel	One of the option which how can by used virtual sensors is Boolean function called "Multiple Sensor"
Aultiple Sensors Multiple Senso Step: 1 of 1:	rs Configuration Name the virtual sensor and choose th Hostname or IP 192.168.161.235 Sensor name Temperature b Polling interval Critical when All True Select Sensor(s) to Monitor T1 T1 T1 T2 T2 None None None None None None None None	e sensors and status that will bind to it. olean 15 Second(s) All False Status High Critical High Warning High Warning None None	This virtual sensor can present several sensors and can be used for notification. For example, when all sensor match to their specified status, this virtual sensor will have critical status. Is possible to apply true or false method.

This way can be detectors/sensors doubled to prevent notification action from faulty reading.



12 Notifications



12.1 Custom Script

Custom Script Wizard	1
Custom Script Configuration	1
Step: 1 of 2: Name the action and configure the script file.	
Action Name Custom Script	†
Script File	6
	f
Arguments	
Execute Timeout 10 🛓 Seconds)
Expect Code 0	6
	\
	1
	}
Help < Back Next > Cancel	

Macro Description button opens the Available Macros that you can use as arguments for your script file.

Add New Script button lets you add a list of batch files and/or programs that you want to execute on events. The list will then appear as your choices under the Script File drop down list.

Add Your Own File		
File Name		Browse
	Add	
lease note that only	Batch files and Programs of	an be executed.
File Name	Size (Bytes)	Remove
- ne riune		
The runne		
The Home		



Custom Script Wizard	
Number of Times to Repeat	0
Repeat Intervals	10 🗢 Seconds
Help < Back	Finish Cancel

12.2 E-Mail

E-Mail Wizard			x
E-Mail Configuration Step: 1 of 5: Name the a	ction and fill in th	e email of the sender and receivers	
	Action Name	E-Mail	
	Mail from	ramos.conteg@gmail.com	
	Mail to	t.graf@conteg.cz	*
			Ŧ
	Mail CC		*
			Ŧ
	Mail BCC		*
			Ŧ
		Help < Back Next > Cancel	

Please choose a name for your email Action. Descriptive Action names increase the simplicity of the system.

Complete the Mail To, From and CC fields with correctly formatted email addresses. The "Mail to" and "Mail from" fields are mandatory. Multiple recipients may be entered by separating addresses by a comma (,) of semicolon (;)



This is a preview of the message that will be sent to your recipient(s). The sent message will include details relevant to your sensor. Click Customize to change the format of this message. The items in your message with a dollar sign and square brackets e.g. \$[IP] represent the data to be imported into your message at the time of sending. Please click the Macro Description button for a full list.

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12.3 FAX

Fax Wizard Fax Message

Header

Step: 2 of 4: Define the content of the message.

Conteg, spol. s r.o. Support Email: support@conteg.com Support Phone: +420 261 219 182

Message \$[DESCRIPTION] is now \$[VALUE], status is now \$[STATUS]

Preview Restore Default Macro Description

ix Wizard		×
Fax Numbers Step: 1 of 4: Na	me the action and enter the phone number of the recipients.	
Action Name	Fax	
Phone Number	+420565533955	Add
Phone Number List		Remove
	Help < Back Next >	Cancel

Help < Back Next > Cancel

Cancel
This is a preview of the message that will be sent to your recipient(s). The sent message will include the details relevant to your sensor. Click Customize to change the format of this message. The items in your message with the dollar sign and square brackets o g full

Phone Numbers.

Please choose a name for your Fax action. Descriptive Action names increase the simplicity of the

Enter your Destination Phone Number and Click Add Phone Number. You may include multiple

details relevant to your sensor. Click Customize to change the format of this message. The items i your message with the dollar sign and square brackets e.g. \$[IP] represent the data to be imported into your message at the time of sending. Please click the Macro Description button for a full list.

system.

Select the connection method between your Fax Modem and computer/server. Enter a Device Name and the Timeout for the process.

Fax Settings Step: 3 of 4: N	lodem Setting.	
Fax Modem Port :	COM1 -	
Device Name :	Communications Port (COM1)	
Process Timeout :	180 A Seconds	



12.4 FTP Photo and Information Upload

TP Photo and Information Upload Wizard	Please choose a name fo
Step: 1 of 4: Name the action and select the media content you wish to upload.	Photo and Informatic
Action Name: FTP Photo and Information Upload	action. Descriptive Act
Camera Name Host Name Dicture Video	increase the simplicit
Camera AXIS M1054 Network Camera (192 Yes No	system. Select which Cameras like to use as the sour
Camera List	picture.
Camera List Media Type Camera Name Host Name Clip Add Remove Video Clip Add Remove Video Clip Option Before Event: 3 Second (s) After Event: 3 Second (s) Frame Rate: 30 Frame/Sec	Select the Media Typ between pictures or vio both. You can set optio Video Clip. Click Add to add the co to the Media List.
Help < Back Next Cancel	Click Next to continue.
IP Photo and Information Upload Wizard	
FTP Attached Message	
step: 2 of 4: Define the content of the attached message.	
Message S[DESCRIPTION] is now S[VALUE], status is now S[STATUS]	
Preview Restore Default Macro Description	Customize you message.
Help < Back Next > Cancel	
TP Photo and Information Upload Wizard	
FTP Server Information Step: 3 of 4: Enter the information of the FTP server.	
FTP Server	
Destination Path	
FTP Server Login Name	
FTP Server Password	Enter your FIP serVer,
FTP Transfer Mode O Active Passive	Path and Au
Timeout 90 😓 Seconds Enable FTP Log	username and password You can choose betweer or Passive Transfer Mode
Help < Back Next > Cancel	

or your FTP Upload on ion names of the y

you would rce of your

e. Choose leo clips or ns for your

onfiguration

Destination hentication e ftp login the Active ١.

FTP Photo and Information Uplo	ad Wizard	23
FTP Upload Settings Step: 4 of 4: Select the up	pload option.	4
	Upload Option Single Continuous Single Upload Upload Attempt Upload Attempt Interval 10 Seconds Continuous Upload Action enabled, upload every 30 Seconds After action disabled, upload every 30 Seconds	
	Help < Back Finish	Cancel

server. For Continuous upload option, define the upload settings when Action is enabled or disabled.

12.5 MMS



Enter a name for your MMS action. Descriptive Action names increase the simplicity of the system. Enter your destination Phone Number and Click Add Phone Number. You may include multiple Phone Numbers.

For Single upload option, define the Maximum number of Times and interval between attempts that a photo is uploaded to your FTP

This is a preview of the message that will be sent to your recipient(s).The sent message will include the details relevant to your sensor.

Click Customize to change the format of this message. The items in your message with a dollar sign and parentheses e.g. \$[IP] represent the data to be imported into your message at the time of sending. Please click the Macro Description button for a full list.

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MMS Media Attach Step: 3 of 7: Selec	ment ct the media content you would	l like to attach to the mail.
Attach Media Conte Media List	nt	
Camera Name	Host Name	Picture Video
Camera List		Media Type
Camera List Camera Na Host I Camera AXIS I	Name M1054 Network	Media Type V Current Picture W: 320 H: 240
Camera List Camera Na Host I Camera AXIS I	Name M1054 Network	Media Type V Current Picture W: 320 H: 240 Video Clip
Camera List Camera Na Host I Camera AXIS I	Name M1054 Network	Media Type Current Picture W: 320 H: 240 Video Clip Add Remove
Camera List Camera Na Host I Camera AXIS I	Name M1054 Network	Media Type Current Picture W: 320 H: 240 Video Clip Add Remove Video Clip Option
Camera List Camera Na Host I Camera AXIS !	Name M1054 Network	Media Type V Current Picture W: 320 H: 240 Video Clip Add Remove Video Clip Option Before Event : 3 © Second (s)
Camera List Camera Na Host I Camera AXIS 1	Name M1054 Network	Media Type V Current Picture W: 320 H: 240 Video Clip Add Remove Video Clip Option Before Event : 3 Second (s) After Event : 3 Second (s)

MMS Wizard

Step: 4 of 7: Fill in the server information

Access Point Name MMS Server URL Click Attach Media Content to attach a picture or video clip with your message. Select to attach either the Current Picture from the camera or a Clip Video. Select which cameras in the Camera List that you would like to use as the source of your picture or video clip. Click the Add button to Add media content in the Media List.

Click Next to continue.

X

10 M

Enter the Access Point Name and MMS Server URL for your MMS provider. These will be provided by your MMS service provider. Click Next to continue.



Help < Back Next > Cancel

Enter your WAP gateway IP address, Authentication settings and Security Mode. These will be provided by your MMS service provider. Click Next to continue.



MMS Wizard		×			
MMS Mobile Settings Step: 6 of 7: Enter the mobile phone device setting.					
	Mobile Phone Port : COMI • Device Name : Communications Port (COMI) Port Speed : Auto • Initialization String : • Timeout : 120 * Seconds.				
	Help < Back Next >	<u>C</u> ancel			

Select the connection method between your phone and computer. Choosing a port will display the corresponding Device Name connected to that port. If you do not know your Port Speed,

Timeout and Initialization String leave them as Auto and Blank respectively.

Click Next to continue.

Enter the number of times to retry, in case of undelivered MMS will try to send MMS again so many times how much you enter.

Retry interval is for period between resend.



CONI

12.6 Relay

lay Action Wizard					
Relay Configura Step: 1 of 2:	ttion Name the action and configure the relay action.				
Action Name	Relay Action				
Host	RAMOS Ultra (TEST) (192.168.161.100)				
Expansion Board	Main Module 👻				
Relay Port	Relay Port 8.1 🔹				
Relay Action	Turn on 🔹				
Cycle Time	5 × Seconds				
	Help < Back Next > Cancel				

 Relay Action

 Step: 2 of 2: Set the number of retries and interval.

 Number of Times to Retry

 0

 Retry Intervals

 10

 Seconds

Please choose a name for your Relay Action. Descriptive Action names increase the simplicity of the system.

Select the Host and Relay Port your relay is connected to and whether your Relay Action should Turn the relay On or Off.

Set Cycle Time if Relay Action is a Cycle on-off-on or Cycle off-on-off. Click Next to continue.

Define the number of times the action is repeated and interval between repetitions.

Please select Cancel to leave the edit mode and go back to the menu without saving.

Press Finish to Save your Action.

12.7 Siren & Strobe Light

Siren & Strobe Light Wizard					
Siren & Strobe Lig	ht Configuration				
Step: 1 of 2: Nar	ne the action and configure the siren alarm/strobe light.				
Action Name	Siren & Strobe Light				
Host	RAMOS Ultra (192.168.161.237)				
Expansion Board	Main Module 👻				
Siren & Strobe Light	Siren Port 2				
Enable Action	Until Acknowledged No Status				
Delay Before Turn on	0 💌 Seconds				
Turn off After	5 🕞 seconds				
	Help < Back Next > Cancel				

Please choose a name for your Siren and Strobe Light Action. Descriptive Action names increase the simplicity of the system.

Select the Port your Siren and Strobe light is connected to and the length of time the light is on. You may choose Until Acknowledged or a Defined Time.

If you select a Defined time also enter the Delay before Turn On and the Length of Time the light is on. Click Next to continue.



elay Action Wizard					x
Retry Action Step: 2 of 2: Set the number of retrie	s and interval.				
Number of Times to Retry 0	-				
Retry Intervals	Seconds				
	Help	< Back	Finish	Cancel	

Define the number of times the action is repeated and interval between repetitions.

Please select Cancel to leave the edit mode and go back to the menu without saving.

Press Finish to Save your Action.

12.8 Skype Call / SMS



Enter Server IP address or URL and Port of Windows system that Windows Notification is running on.



Enter Skype user ID or Telephone number that you want to notify. Then select type of action. Skype to Skype is free. Skype to Phone has been charged and you need Skype credit in your Skype Account Remark: You need to run Windows Notification and log in to Skype using Skype client. Remark: Use international telephone number format (e.g. +12 345 678 9012)

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This is a preview of the message that will be sent to your recipient(s).The sent message will include the details relevant to your sensor.

Click Customize to change the format of this message. The items in your message with a dollar sign and square brackets e.g. \$[IP] represent the data to be imported into your message at the time of sending. Please click the Macro Description button for a full list.

Define the number of times the action is repeated and interval between repetitions.

Please select Cancel to leave the edit mode and go back to the menu without saving.

Press Finish to Save your Action.

12.9 SMS



Please choose a name for your SMS action. Descriptive Action names increase the simplicity of the system.

Enter your Destination Phone Number and Click Add Phone Number. You may include multiple Phone Numbers.

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This is a preview of the message that will be sent to your recipient(s).The sent message will include the details relevant to your sensor.

Click Customize to change the format of this message. The items in your message with a dollar sign and square brackets e.g. \$[IP] represent the data to be imported into your message at the time of sending. Please click the Macro Description button for a full list.

Select the connection method between your phone and computer. Choosing a port will display the corresponding Device Name connected to that port.

If you do not know your Port Speed, Timeout and Initialization String leave them as Auto and Blank respectively.

Click Next to continue.

Define the number of times the action is repeated and interval between repetitions.

Please select Cancel to leave the edit mode and go back to the menu without saving.

Press Finish to Save your Action.


12.10 SNMP Trap

IMP Trap Wizard	×
SNMP Configura	tion
Step: 1 of 3: N	lame the action and enter the trap information.
Action Name	SNMP Trap
Trap Version	
Destination Addres	s
Community	
	Add Remove
Added Destination:	5 Address Community
	Help Carcel
	top took took

× SNMP Trap Wizard SNMP Type Step: 2 of 3: Select the trap type and VarBind. SNMPTrap Type CustomTypeTraps VarBind 🕼 Sensor Status 🕼 Sensor Status Name Sensor Value 🔽 Board ID Sensor Level Exceeded Soard Description Event Time Stamp Sensor Index Vent Class Number 0 Sensor Name Sensor Description Event Class Name INFORMATIONAL **V** Sensor Type V Sensor Decimal Value Sensor Sub Index Next > Cancel Help < Back

IMP Trap Wizard		×
Retry Action Step: 3 of 3: Set the nu	nber of retries and interval.	
Number of Times to Retry	0	
Retry Intervals	10 Seconds	
	Help < Back	k Finish Cancel

Please choose a name for your SNMP Trap Action. Descriptive Action names increase the simplicity of the system.

Enter your Destination Trap Address and Community and Click Add Trap Destination. You may include multiple Traps.

Select an SNMP Trap Type. If CustomTypeTraps is selected, select the following variables to be bound in the trap.

Please select Cancel to leave the edit mode and go back to the menu without saving.

Click Next to continue.

Define the number of times the action is repeated and interval between repetitions.

Please select Cancel to leave the edit mode and go back to the menu without saving.

Press Finish to Save your Action.



12.11 Sound

Sound Action Wizard				x
Sound Configuration Step: 1 of 2: Name the ac	tion and configure t	he sound file.	4	u).
	Action Name	Sound Action		
	Sound File	▼ Add New Sound	Play	
	Play Time Speaker Volume	10 x Seconds	60	
	He	elp < Back Next >	Cancel	



Please choose a name for your Alarm Sound Action. Descriptive Action names increase the simplicity of the system.

Select the sound file to use from the drop down box. You may select one of the predefined sounds or upload your own sound. Add your own sound by clicking the Add Your Own Sound button, locating the file on your computer and clicking Add Sound File. This will add your sound to the drop down box.

Pressing the Play button, should hear the selected sound file played on your computer.

You may also define the length of time and volume of the played sound.

Please choose a name for your Alarm Sound Action. Descriptive Action names increase the simplicity of the system.

Select the sound file to use from the drop down box. You may select one of the predefined



Define the number of times the action is repeated and interval between repetitions.

Please select Cancel to leave the edit mode and go back to the menu without saving.

Press Finish to Save your Action.

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12.12 Speech

eech Action Wizard		
Speech Config Step: 1 of 2:	uration Name the action and configure the voice and speech.	
Action Name	Speech Action	
Speaker Volume		
Speech Speed	0	
Message	\$[DESCRIPTION] on port \$[PORT] is now \$[STATUS]	
▲	Preview Restore Default Macro Description The speech will play on the server machine	
	Help < Back Next > Cancel	

Please choose a name for your Alarm Sound Action. Descriptive Action names increase the simplicity of the system. Select the volume, speed and pitch at which the Text to Speech module will read the message. Click Next to continue.

The Message is a preview of what will be said by the Text to Speech module. The sent message will include the details relevant to your sensor.

Click Customize to change the format of this message. The items in your message with a dollar sign and parentheses e.g. \$[IP] represent the data to be imported into your message at the time of sending. Please click the Macro Description button for a full list. Click Next to continue.

Speech Action Wizard				×
Retry Action Step: 2 of 2: Set the n	umber of retries and interval.			
Number of Times to Retry Retry Intervals	0 v 10 v Seconds			
	Help	< Back	Finish	Cancel

Define the number of times the action is repeated and interval between repetitions.

Please select Cancel to leave the edit mode and go back to the menu without saving.

Press Finish to Save your Action.



12.13 Telephone Call

elephone Call Wizard			×
Telephone Numbers Step: 1 of 4: Name the	action and enter the pho	ne number of the recipients.	
	Action Name	Telephone Call	
	Phone Number		Add
O	Phone Number List		Remove
	Help	< Back Ne	ext > Cancel

 Telephone Call Wizard

 Sound Configuration

 Step: 2 of 4: Configure the voice output.

 Speaker Volume
 60

 Call Type
 Text-to-Speech © WAV File

 Text-to-Speech Options
 0

 Slow
 Normal

 Fast
 Message

 SIDESCRIPTIONJ on port SIPORT jis now

 SISTATUS

 Preview
 Restore Default

 Help
 < Back</td>
 Next >

Please choose a name for your Telephone Call action. Descriptive Action names increase the simplicity of the system. Enter your Destination Phone Number and Click Add Phone Number. You may include multiple Phone Numbers.

Select the volume for your phone call. You may select to either use the Text to Speech module for your call or a Wav file. If you choose to use the Text to Speech module you can configure your Text-to-Speech Options by selecting the Speech Speed and the Speech Pitch. A preview of the message that will be read is displayed in the Message box. The sent message will include the details relevant to your sensor.

Click Customize to change the format of this message. The items in your message with a dollar sign and square brackets e.g. \$[IP] represent the data to be imported into your message at the time of sending. Please click the Macro Description button for a full list. If you chose to use a Wav file for your call you can choose a file from the drop down list or add your own. Add your own sound by clicking the Add Your Own Sound button, locating the file on your computer and clicking Add Sound File. This will add your sound to the drop down box.

lephone Call Wizard			×
Voice Modem Step: 3 of 4: Configure	the modem.		(1
	Voice Modem Port :	COM1 -	
	Device Name :	Communications Port (COM1)	
	Voice Modem Port Speed :	Auto 🔻	
	Voice Modem Chipset :	Conexant 👻	
	ATD command		
	Voice Modem Initialize String	//Select voice mode AT+FCLASS=8 //Initialize all voice parameters to default value	•
	AT Command After Answered Call	//Select microphone gain = 150 AT+VGM=150	*
			Ŧ
	Help	Back Next >	Cancel

Select the connection method between your Voice Modem and computer by selecting a Voice Modem Port. The Device Name field will verify what device is connected to the selected port. Select your Voice Modem Port Speed in the drop down list. If you do not know your Port Speed, leave this as Auto. Select your Voice Modem Chipset on the drop down list. Click Next to continue.



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Define the number of times the action is repeated and interval between repetitions.

Please select Cancel to leave the edit mode and go back to the menu without saving.

Press Finish to Save your Action.

12.14 Wake Up/Shutdown



Wake Up/Shutdown Wizard				×
Server Settings Step: 2 of 3: Add the the	server you wish to shut down.			
2788 C	Remote Server IP			
No.	Login			
	Password			
1100		Add Server	Remove Server	
	Server List	Server	Login	
	Shutdown Options	Reboot After S	hutdown	
		Force Shutdow	n Applications	
	Timeout Before Shutdown	30 📮 Se	conds	
	Help	< Back	Next >	Cancel

Please choose a name for your Wake Up / Shutdown Action. Descriptive Action names increase the simplicity of the system.

Choose the action type, shutdown or wakeup.

If you choose shutdown action you also have to select the operating system on the host you want to shutdown Action.

Enter the Login details for the remote server such as the Remote Server IP or host name, Login username and password.

Add server by clicking the Add Server button. You can add multiple servers if you need to shutdown or wakeup multiple servers simultaneously.

Select Shutdown Options and the Timeout before Shutdown.

Click Next to continue.

On last step select if you would like a Shutdown message to be appended to the server log. This is a preview of the message that will be sent to the server log. The sent message will include the details relevant to your sensor.

Click Customize to change the format of this message. The items in your message with a dollar sign and square brackets e.g. \$[IP] represent the data to be imported into your message at the time of sending. Please click the Macro Description button for a full list.

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12.15 Windows Alert

Moves Alert Wizard Windows Alert Configuration Step: 1 of 3: Setup the alert type and the destination of the alert.		
	Action Name Windows Host Address Windows Windows Alert Type Sound Alert	Windows Alert 9200 Default 9200 Tray notification None (disable)
	Help	Sack Next > Cancel

Enter Server IP address or URL and Port of Windows system that Windows Notification is running on. E.g. "10.1.5.85"

! Windows Notification must be installed and running. See below!





This is a preview of the message that will be sent to your recipient(s). The sent message will include the details relevant to your sensor.

Click Customize to change the format of this message. The items in your message with a dollar sign and square brackets e.g. \$[IP] represent the data to be imported into your message at the time of sending. Please click the Macro Description button for a full list.

Click Next to continue.

Define the number of times the action is repeated and interval between repetitions.

Please select Cancel to leave the edit mode and go back to the menu without saving.

Press Finish to Save your Action.



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Help < Back Finish Cancel